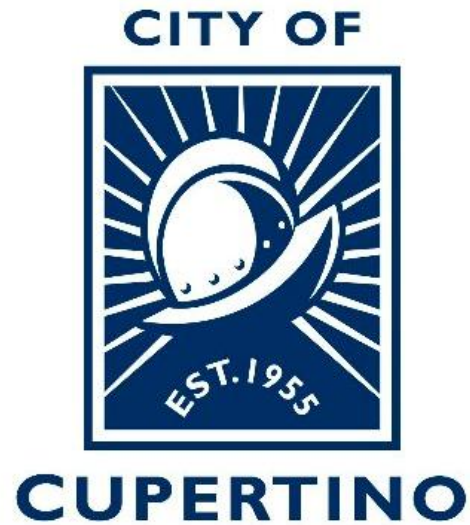


# CIVIC CENTER PARKING ANALYSIS

PREPARED FOR:



JUNE 2020 | *FINAL*

Prepared By:

**Kimley»Horn**

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## 1. INTRODUCTION

The Cupertino Library Expansion project is a proposed addition to the existing Cupertino Library located on the Cupertino Civic Center campus on the east side of Torre Avenue between Rodrigues Avenue to the north and Pacifica Drive to the south in Cupertino, California. The east side of the Civic Center is bounded by Regnart Creek and neighborhood homes. The Cupertino Civic Center campus includes three buildings: City Hall, Community Hall, and Cupertino Library. The campus also features landscaped outdoor space including tree groves, fountains, benches and Library Field. One connected surface parking lot and surrounding on-street parking serve the parking demands of the entire campus, with City Hall and Community Hall parking to the north and Library parking to the south. **Figure 1** identifies the study area and highlights the locations of the major features at the Civic Center.

The Library proposes an expansion that will increase the existing 527-square foot Story Room to 1,600 square feet and increasing the room capacity from 36 occupants to 231 occupants. In addition, a new program room is proposed that will add 1,398 square feet of space for the Library to host events with a maximum occupancy of 204 people.

This report presents the results of the parking analysis completed for the Civic Center. It was prepared to determine existing and potential future parking deficiencies at the Civic Center. Even without the addition of the Library expansion, City staff have observed no available parking at the Civic Center during peak hours. This study identifies these deficiencies and estimates the increased parking demand that will be caused by the Library Expansion. Finally, this report documents potential solutions considered, including solutions from previous parking studies for the Civic Center, to inform decision makers on the best possible recourse for action to alleviate the parking shortfall.

## STUDY METHODOLOGY

The unique nature of the Library Expansion, as well as the existing parking demand, necessitated the collection of site-specific parking counts and survey data to use in determining parking occupancy and future demand. In addition, this data was used in estimating the effect of transportation demand management (TDM) measures in reducing the parking demand at the Civic Center.

## REPORT ORGANIZATION

This report is organized into five chapters with an Appendix.

**Chapter 1** introduces the proposed project, study area, and study methodology.

**Chapter 2** explains the existing parking conditions based on parking counts collected in October 2019.

**Chapter 3** summarizes results from Civic Center patron and employee travel surveys.

**Chapter 4** discusses calculated future parking demand from the Library expansion.

**Chapter 5** discusses possible parking solutions and their associated cost to implement.







## 2. EXISTING PARKING CONDITIONS

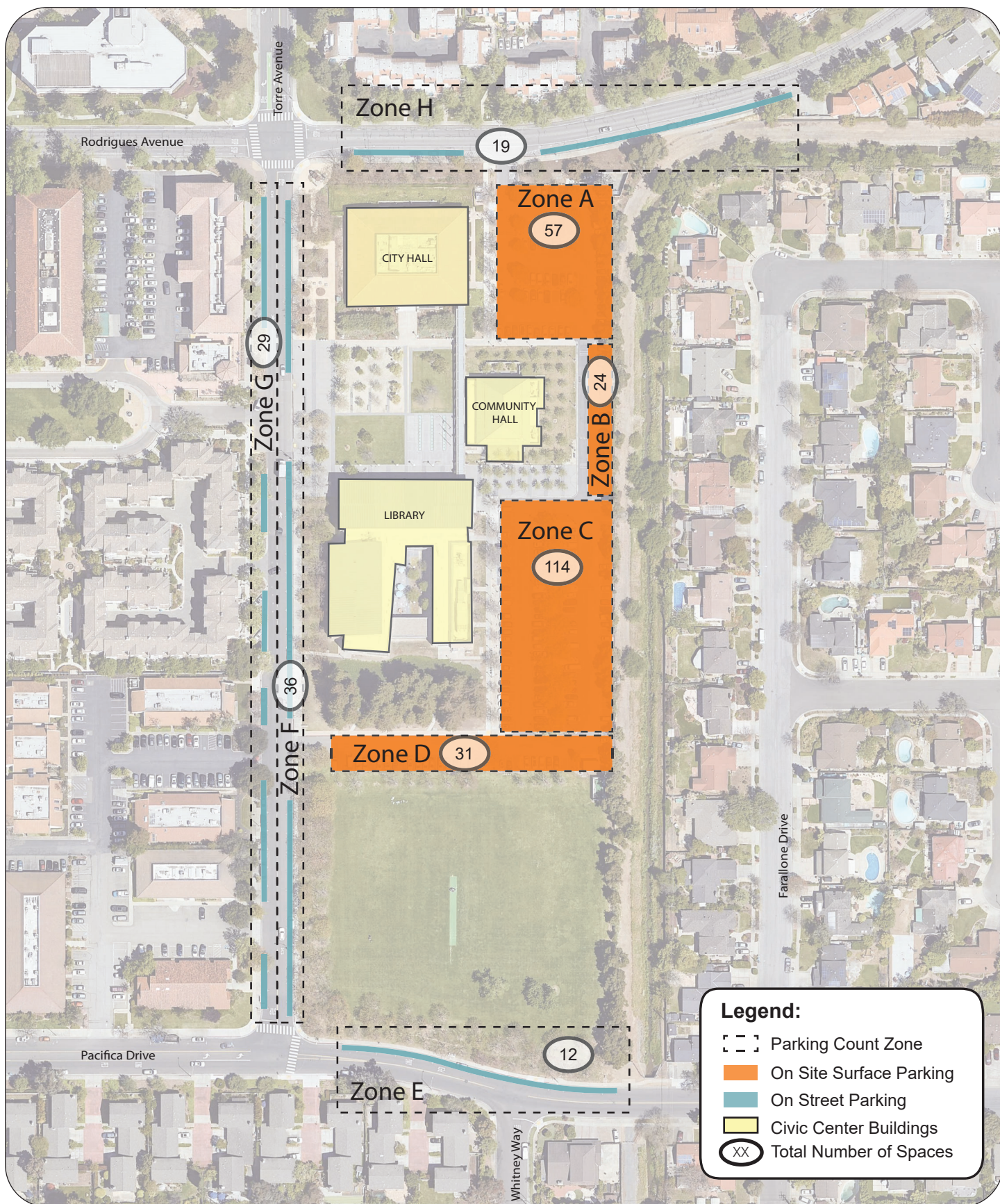
This chapter presents the results of a parking occupancy survey of the Civic Center parking lot and adjacent on-street parking. This chapter also identifies where and when parking deficiencies occur.

### EXISTING PARKING SUPPLY

The existing parking supply was determined from a site visit conducted on Tuesday, October 15, 2019 as a part of the parking occupancy survey. The parking supply was determined for the shared surface parking lot as well as for the adjacent on-street parking on Pacifica Drive, Torre Avenue, and Rodrigues Avenue. Stalls were counted by type and totaled for each zone indicated in **Figure 2**. Zones A and B mostly service the needs of the City Hall and Community Hall, and Zones C and D service the needs of the Library. Zones E, F, G and H are on-street parking areas. These zones range in size from 12 parking spaces to 114 parking spaces, as noted below:

- A. 57 spaces (parking lot located directly east of the City Hall)
- B. 24 spaces (parking lot located directly east of the Community Hall)
- C. 114 spaces (parking lot located directly east of Library)
- D. 31 spaces (parking lot located directly south of Library)
- E. 12 spaces (on-street parking on north side of Pacifica Drive)
- F. 36 spaces (on-street parking on east side of Torre Avenue)
- G. 29 spaces (on-street parking on west side of Torre Avenue)
- H. 19 spaces (on-street parking on south side of Rodrigues Avenue)

Based on field observations, the existing shared surface parking lot provides 226 parking spaces, while surrounding on-street parking provides 96 parking spaces, for a total of 322 parking spaces. Parking spaces include 104 City (C) and Library (L) permit only spaces, 64 unrestricted spaces, 7 ADA spaces, 6 electric vehicle spaces, 108 timed 4-hour spaces, 26 timed 2-hour spaces, 4 timed 4-minute spaces, and 1 space each for mail, pool, and maintenance vehicles.





## EXISTING PARKING OCCUPANCY

Existing parking occupancy was determined by conducting parking occupancy surveys on Tuesday, October 15, 2019 between the hours of 10:00 AM and 11:00 PM at 30-minute intervals. Occupancy was collected while local schools were in session and an afternoon “school” peak was observed at the Library. On the day of the occupancy survey, the Library was open from 10:00 AM to 9:00 PM, the Civic Center was open from 8:00 AM to 5:00 PM, and the Community Hall was open from 8:00 AM to 10:00 PM. In addition, the following events were scheduled at the Library and Community Hall during occupancy data collection:

- 10:15 AM – Stories for 2’s and 3’s (Library Parents Corner)
- 4:00 PM – Knitting at the Library (Library Story Room)
- 6:45 PM – City Council Meeting (Cupertino Community Hall)
- 7:00 PM – Family Storytime (Library Parents Corner)

**Figure 3** shows parking stall occupancy by time of day for the various types of parking available near the campus (regular, permit-only, or restricted). The occupancy survey results are shown in **Table 1** for the parking lot and in **Table 2** for the on-street parking. **Table 3** provides overall parking occupancy by parking stall type for the entire study area. The raw data from the parking occupancy survey can be found in **Appendix A**.

**Figure 3 – Parking Occupancy by Time of Day on Tuesday, October 15, 2019.**

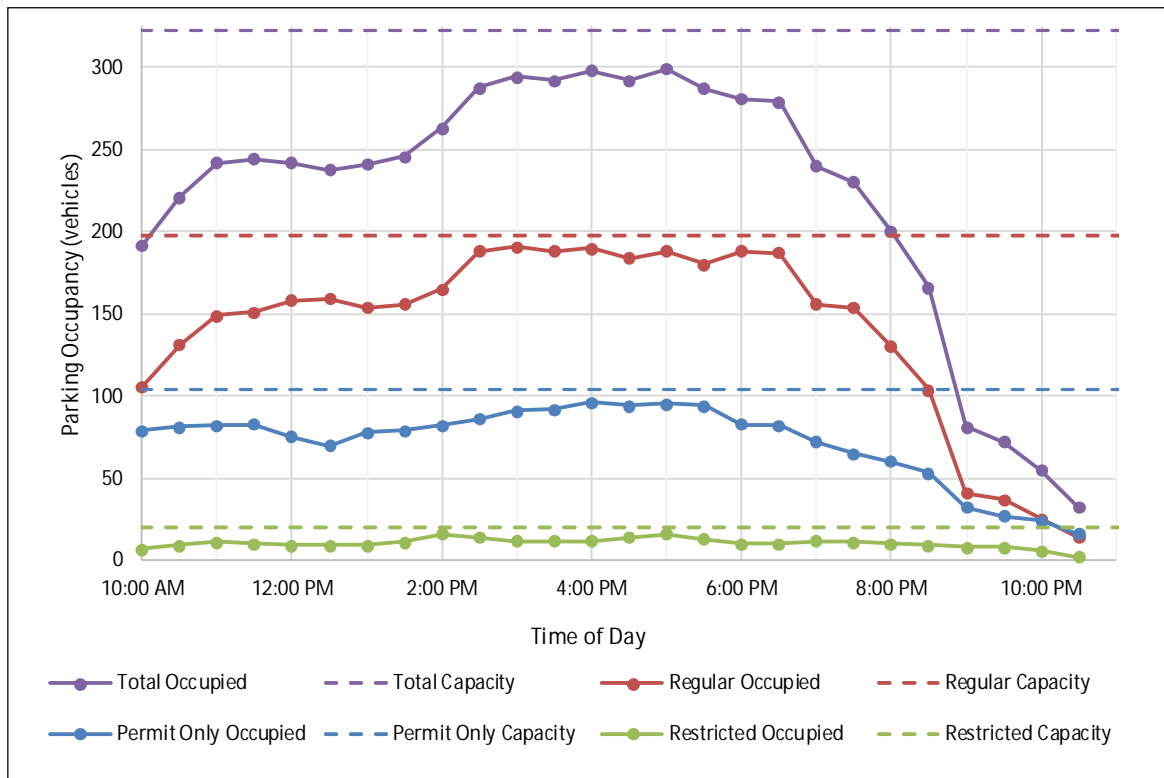


Table 1 – Existing Parking Lot Occupancy

Zone		A							B		C						D		Combined		
Stall Type		Permit C (7AM - 3PM)	Regular	HC	Mail	Pool	Maint.	% Occupied	Permit C (7AM - 3PM)	% Occupied	4-Min	HC	EV	Permit L (9AM - 3PM)	4-Hr (7AM - 5PM)	% Occupied	4-Hr (7AM - 5PM)	% Occupied	Total	% Occupied	Total Unoccupied
Total Stalls		17	35	2	1	1	1		24		4	5	4	24	77		31		226		
Occupancy by Time of Day	10:00 AM	16	25	1	1	0	0	75%	19	79%	0	0	3	21	41	57%	4	13%	131	58%	95
	10:30 AM	16	29	2	1	0	0	84%	19	79%	0	1	3	22	61	76%	6	19%	160	71%	66
	11:00 AM	17	29	0	1	0	0	82%	20	83%	3	3	2	21	67	84%	13	42%	176	78%	50
	11:30 AM	17	29	0	1	1	1	86%	21	88%	1	2	2	21	66	81%	15	48%	177	78%	49
	12:00 PM	14	26	0	1	1	1	75%	20	83%	2	1	1	22	74	88%	17	55%	180	80%	46
	12:30 PM	14	26	1	1	1	1	77%	15	63%	0	2	1	24	66	82%	26	84%	178	79%	48
	1:00 PM	17	26	0	1	1	1	81%	22	92%	1	2	2	22	62	78%	22	71%	179	79%	47
	1:30 PM	17	34	0	1	1	1	95%	24	100%	3	2	2	20	63	79%	19	61%	187	83%	39
	2:00 PM	17	34	0	1	1	1	95%	24	100%	2	5	4	19	70	88%	17	55%	195	86%	31
	2:30 PM	17	35	1	1	1	0	96%	23	96%	4	4	2	20	77	94%	30	97%	215	95%	11
	3:00 PM	17	34	1	1	1	1	96%	24	100%	2	2	3	24	77	95%	31	100%	218	96%	8
	3:30 PM	17	34	0	1	1	1	95%	24	100%	2	3	3	24	77	96%	29	94%	216	96%	10
	4:00 PM	17	33	0	1	1	1	93%	24	100%	1	4	3	24	77	96%	31	100%	217	96%	9
	4:30 PM	17	30	0	1	1	1	88%	24	100%	3	4	3	22	77	96%	30	97%	213	94%	13
	5:00 PM	16	31	0	1	1	1	88%	24	100%	4	4	4	24	77	99%	31	100%	218	96%	8
	5:30 PM	14	30	0	1	1	1	82%	23	96%	4	3	2	23	74	93%	29	94%	205	91%	21
	6:00 PM	6	31	0	1	1	1	70%	22	92%	3	2	1	24	77	94%	31	100%	200	88%	26
	6:30 PM	6	31	0	1	1	1	70%	23	96%	3	1	1	24	77	93%	31	100%	200	88%	26
	7:00 PM	11	33	0	1	1	1	82%	21	88%	3	1	3	19	68	82%	16	52%	178	79%	48
	7:30 PM	12	31	0	1	1	1	81%	17	71%	2	0	3	17	69	80%	15	48%	169	75%	57
	8:00 PM	9	25	0	1	1	1	65%	20	83%	2	0	2	13	65	72%	8	26%	147	65%	79
	8:30 PM	9	15	0	1	1	1	47%	14	58%	3	0	1	12	55	62%	5	16%	117	52%	109
	9:00 PM	7	10	0	1	1	1	35%	5	21%	3	0	1	8	14	23%	4	13%	55	24%	171
	9:30 PM	7	8	0	1	1	1	32%	3	13%	3	0	1	6	13	20%	4	13%	48	21%	178
	10:00 PM	5	6	0	1	0	1	23%	3	13%	2	0	1	6	13	19%	2	6%	40	18%	186
	10:30 PM	4	0	0	0	0	1	9%	2	8%	1	0	0	3	10	12%	2	6%	23	10%	203

Notes:  
“C” denotes city employee permitted parking  
“L” denotes Library permitted parking  
HC denotes accessibility only parking  
Mail/Pool/Maint. denote spaces designated for single city owned vehicles  
EV denotes electric vehicle charging parking

Table 2 – Existing On-street Parking Occupancy

Zone		E		F				G		H			Combined		
Stall Type		Permits C & L (7AM - 3PM)	% Occupied	2-Hr	Permit C (7AM - 5PM)	Red Zone	% Occupied	Regular	% Occupied	Permit C (7AM - 5PM)	EV	% Occupied	Total	% Occupied	Total Unoccupied
Total Stalls		12		26	10	0		29		17	2		96		
Occupancy by Time of Day	10:00 AM	2	17%	9	10	0	53%	27	93%	11	2	68%	61	64%	35
	10:30 AM	2	17%	14	10	0	67%	21	72%	12	2	74%	61	64%	35
	11:00 AM	2	17%	16	10	0	72%	24	83%	12	2	74%	66	69%	30
	11:30 AM	2	17%	16	10	0	72%	25	86%	12	2	74%	67	70%	29
	12:00 PM	1	8%	16	7	0	64%	25	86%	11	2	68%	62	65%	34
	12:30 PM	2	17%	16	6	0	61%	25	86%	9	2	58%	60	63%	36
	1:00 PM	1	8%	18	7	0	69%	26	90%	9	1	53%	62	65%	34
	1:30 PM	1	8%	14	8	0	61%	26	90%	9	1	53%	59	61%	37
	2:00 PM	1	8%	17	9	1	75%	27	93%	12	1	68%	68	71%	28
	2:30 PM	2	17%	18	10	0	78%	28	97%	14	1	79%	73	76%	23
	3:00 PM	2	17%	20	10	0	83%	29	100%	14	1	79%	76	79%	20
	3:30 PM	3	25%	21	10	0	86%	27	93%	14	1	79%	76	79%	20
	4:00 PM	6	50%	21	10	0	86%	28	97%	15	1	84%	81	84%	15
	4:30 PM	6	50%	20	10	0	83%	27	93%	15	1	84%	79	82%	17
	5:00 PM	6	50%	20	10	0	83%	29	100%	15	1	84%	81	84%	15
	5:30 PM	10	83%	20	10	0	83%	27	93%	14	1	79%	82	85%	14
	6:00 PM	11	92%	23	6	0	81%	26	90%	14	1	79%	81	84%	15
	6:30 PM	12	100%	24	5	1	83%	24	83%	12	1	68%	79	82%	17
	7:00 PM	1	8%	19	9	0	78%	20	69%	11	2	68%	62	65%	34
	7:30 PM	1	8%	18	8	1	75%	21	72%	10	2	63%	61	64%	35
	8:00 PM	1	8%	14	6	1	58%	18	62%	11	2	68%	53	55%	43
	8:30 PM	1	8%	12	6	0	50%	17	59%	11	2	68%	49	51%	47
	9:00 PM	0	0%	9	1	0	28%	4	14%	11	1	63%	26	27%	70
	9:30 PM	0	0%	8	1	0	25%	4	14%	10	1	58%	24	25%	72
	10:00 PM	0	0%	2	0	0	6%	2	7%	10	1	58%	15	16%	81
	10:30 PM	0	0%	1	0	0	3%	1	3%	7	0	37%	9	9%	87

Notes:  
“C” denotes city permit only parking  
“L” denotes Library permit only parking  
EV denotes electric vehicle charging parking

Table 3 – Parking Lot, On-Street and Total Parking Occupancy Summary

		Parking Lot								On-Street Parking								Total Parking Occupancy							
		Permit Only <sup>1</sup>		Regular <sup>2</sup>		Restricted <sup>3</sup>		Total	% Occupied	Permit Only <sup>1</sup>		Regular <sup>2</sup>		Restricted <sup>3</sup>		Total	% Occupied	Permit Only <sup>1</sup>		Regular <sup>2</sup>		Restricted <sup>3</sup>		Total	% Occupied
Total Stalls		65	%	143	%	18	%	226		39	%	55	%	2	%	96		104	%	198	%	20	%	322	
Occupancy by Time of Day	10:00 AM	56	86%	70	49%	5	28%	131	58%	23	59%	36	65%	2	100%	61	64%	79	76%	106	54%	7	35%	192	60%
	10:30 AM	57	88%	96	67%	7	39%	160	71%	24	62%	35	64%	2	100%	61	64%	81	78%	131	66%	9	45%	221	69%
	11:00 AM	58	89%	109	76%	9	50%	176	78%	24	62%	40	73%	2	100%	66	69%	82	79%	149	75%	11	55%	242	75%
	11:30 AM	59	91%	110	77%	8	44%	177	78%	24	62%	41	75%	2	100%	67	70%	83	80%	151	76%	10	50%	244	76%
	12:00 PM	56	86%	117	82%	7	39%	180	80%	19	49%	41	75%	2	100%	62	65%	75	72%	158	80%	9	45%	242	75%
	12:30 PM	53	82%	118	83%	7	39%	178	79%	17	44%	41	75%	2	100%	60	63%	70	67%	159	80%	9	45%	238	74%
	1:00 PM	61	94%	110	77%	8	44%	179	79%	17	44%	44	80%	1	50%	62	65%	78	75%	154	78%	9	45%	241	75%
	1:30 PM	61	94%	116	81%	10	56%	187	83%	18	46%	40	73%	1	50%	59	61%	79	76%	156	79%	11	55%	246	76%
	2:00 PM	60	92%	121	85%	14	78%	195	86%	22	56%	44	80%	2	100%	68	71%	82	79%	165	83%	16	80%	263	82%
	2:30 PM	60	92%	142	99%	13	72%	215	95%	26	67%	46	84%	1	50%	73	76%	86	83%	188	95%	14	70%	288	89%
	3:00 PM	65	100%	142	99%	11	61%	218	96%	26	67%	49	89%	1	50%	76	79%	91	88%	191	96%	12	60%	294	91%
	3:30 PM	65	100%	140	98%	11	61%	216	96%	27	69%	48	87%	1	50%	76	79%	92	88%	188	95%	12	60%	292	91%
	4:00 PM	65	100%	141	99%	11	61%	217	96%	31	79%	49	89%	1	50%	81	84%	96	92%	190	96%	12	60%	298	93%
	4:30 PM	63	97%	137	96%	13	72%	213	94%	31	79%	47	85%	1	50%	79	82%	94	90%	184	93%	14	70%	292	91%
	5:00 PM	64	98%	139	97%	15	83%	218	96%	31	79%	49	89%	1	50%	81	84%	95	91%	188	95%	16	80%	299	93%
	5:30 PM	60	92%	133	93%	12	67%	205	91%	34	87%	47	85%	1	50%	82	85%	94	90%	180	91%	13	65%	287	89%
	6:00 PM	52	80%	139	97%	9	50%	200	88%	31	79%	49	89%	1	50%	81	84%	83	80%	188	95%	10	50%	281	87%
	6:30 PM	53	82%	139	97%	8	44%	200	88%	29	74%	48	87%	2	100%	79	82%	82	79%	187	94%	10	50%	279	87%
	7:00 PM	51	78%	117	82%	10	56%	178	79%	21	54%	39	71%	2	100%	62	65%	72	69%	156	79%	12	60%	240	75%
	7:30 PM	46	71%	115	80%	8	44%	169	75%	19	49%	39	71%	3	150%	61	64%	65	63%	154	78%	11	55%	230	71%
	8:00 PM	42	65%	98	69%	7	39%	147	65%	18	46%	32	58%	3	150%	53	55%	60	58%	130	66%	10	50%	200	62%
	8:30 PM	35	54%	75	52%	7	39%	117	52%	18	46%	29	53%	2	100%	49	51%	53	51%	104	53%	9	45%	166	52%
	9:00 PM	20	31%	28	20%	7	39%	55	24%	12	31%	13	24%	1	50%	26	27%	32	31%	41	21%	8	40%	81	25%
	9:30 PM	16	25%	25	17%	7	39%	48	21%	11	28%	12	22%	1	50%	24	25%	27	26%	37	19%	8	40%	72	22%
	10:00 PM	14	22%	21	15%	5	28%	40	18%	10	26%	4	7%	1	50%	15	16%	24	23%	25	13%	6	30%	55	17%
	10:30 PM	9	14%	12	8%	2	11%	23	10%	7	18%	2	4%	0	0%	9	9%	16	15%	14	7%	2	10%	32	10%

Notes:  
1. Includes C and L permit only spaces.  
2. Includes Regular, 4-hour, and 2-hour parking spaces.  
3. Includes mail, pool, maintenance, accessibility only, electric vehicle, and red zone parking spaces.



Within the campus parking lot, the parking occupancy exceeded 85 percent between 2:30 PM and 5:30 PM. During this same time, a peak occupancy of 80 to 85 percent was experienced in on-street parking. There is a preference for Library and Civic Center visitors/patrons to fill the parking lot first before using on-street parking. Ideally, parking lots should operate during peak periods with 10 to 15 percent available stalls to facilitate good site circulation and turnover. A Library or Civic Center visitor/patron is likely to perceive a parking lot as full when the number of available stalls is below 10-15 percent of the supply. **Table 3** shows that from 2:30 PM to 6:30 PM parking occupancy is effectively full (greater than 85 percent occupied), and that patrons will find it difficult to find parking. The existing peak hour parking occupancy was observed at 5:00 PM with a total of 299 out of 322 occupied stalls. The 299 occupied parking stalls exceeds the effective capacity of 274 parking stalls (i.e. 85 percent of 322 parking stalls) by 25 parking stalls. Of the 23 available stalls during the peak hour, 9 stalls are permit only, 10 are regular, and 4 are restricted.

Looking specifically at the 4-hour Library parking stalls located in Zones C and D, these stalls are nearly 100 percent occupied (an average of one empty stall) between 2:30 PM and 7:00 PM, forcing Library patrons during this time to park in the City Hall parking lot or on the street. There is an average of two available regular parking stalls near City Hall in Zone A and an average of five available 2-hour on-street parking stalls during the same peak time period that the Library parking is full. The occupancy survey shows that the parking for the City Hall is effectively full, that is the peak parking occupancy exceeds 85 percent of the parking supply, during peak weekday hours in the afternoon and evening. Total on-street and parking lot occupancy, as shown in **Table 3**, reached a peak between 5:00 PM and 5:30 PM, with an occupancy of 93 percent.

## BICYCLE PARKING SUPPLY AND OCCUPANCY

Bicycle parking occupancy was also collected during the same times as the vehicle parking occupancy surveys and is summarized in **Table 4**. The bicycle parking surveys show that the east bicycle rack near the Zone B parking lot has a capacity of 16 bicycles and experienced a peak occupancy of 3 bicycles through most of the afternoon. The west bicycle rack near the Zone F parking lot on the northwest corner of the Library also has a capacity for 16 bicycles and reached a peak occupancy of 11 parked bicycles at 3:30 PM and again at 6:30 PM. Overall, a peak occupancy of 14 bicycles (44 percent occupancy) occurred between 3:30 PM and 4:00 PM.

**Table 4 – Bicycle Parking Occupancy**

Stall Type		East Bike Parking	West Bike Parking	Total
Supply <sup>1</sup>		16	16	32
Occupancy by Time of Day	10:00 AM	2	4	6
	10:30 AM	1	6	7
	11:00 AM	1	7	8
	11:30 AM	1	6	7
	12:00 PM	1	6	7
	12:30 PM	2	5	7
	1:00 PM	2	5	7
	1:30 PM	3	4	7
	2:00 PM	3	5	8
	2:30 PM	2	7	9
	3:00 PM	2	8	10
	3:30 PM	3	11	14
	4:00 PM	3	10	13
	4:30 PM	3	8	11
	5:00 PM	3	10	13
	5:30 PM	3	10	13
	6:00 PM	2	8	10
	6:30 PM	2	11	13
	7:00 PM	2	5	7
	7:30 PM	2	6	8
	8:00 PM	2	7	9
	8:30 PM	2	5	7
	9:00 PM	2	2	4
	9:30 PM	1	1	2
	10:00 PM	1	0	1
	10:30 PM	1	0	1

Notes:

1. Assumes one parked bike per stall, higher density may be possible.

## 3. PATRON AND EMPLOYEE SURVEYS

This chapter summarizes the results for various surveys conducted in 2019 and 2020. The purpose of the patron intercept survey and patron observational survey was to identify travel characteristics of Library patrons including average group size, vehicle occupancy, dwell time, and mode of travel. In addition, patrons were surveyed on their ability to use various modes of transportation. The data from these surveys was then used to quantify the increased parking demand caused by the Library expansion, as well as the potential effectiveness of certain TDM measures.

The purpose of the employee commuter survey was to identify the commute characteristics of Civic Center employees, including both City Hall and Library employees. This survey identified commute travel mode and alternative travel preferences of Civic Center employees. Data from this survey was used to calculate the estimated effectiveness of potential TDM measures in reducing parking demand.

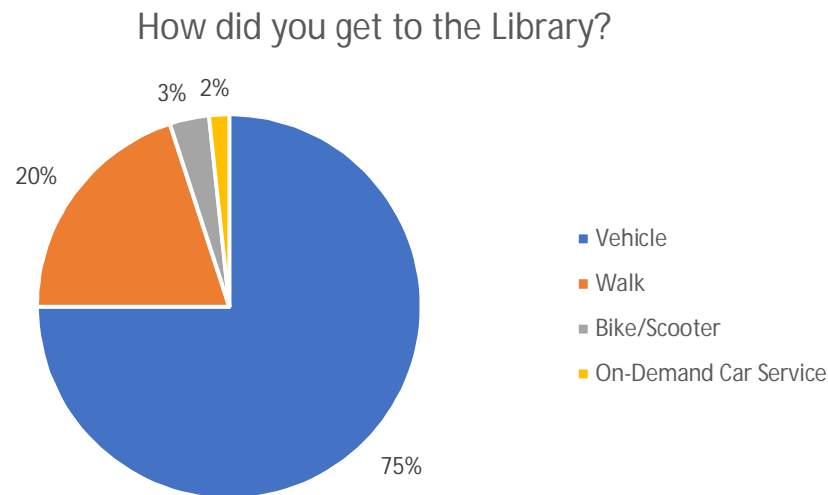
### PATRON INTERCEPT SURVEY

A 10-question survey was developed and administered to Library patrons as they entered or exited the Library during a typical day of operation. The survey questions were determined in collaboration with City staff and relate to a Library patron's mode of transportation, duration of stay, and likeliness to change travel behavior. The survey questions administered in-person were:

1. How did you get to the Library today?
2. Where did you park or get dropped off?
3. Did you have trouble finding parking?
4. How many people did you travel with to the Library (including yourself)?
5. What is the main purpose of your visit to the Library?
6. How long do you plan to be at the Library today?
7. What part of Cupertino did you start your journey from?
8. What is the main reason you chose your mode of transportation to the Library?
9. Excluding using a personal vehicle, what other transportation would you choose to get to the Library?
10. If there was a no cost option to travel to the Library within the City limits, would you take it?

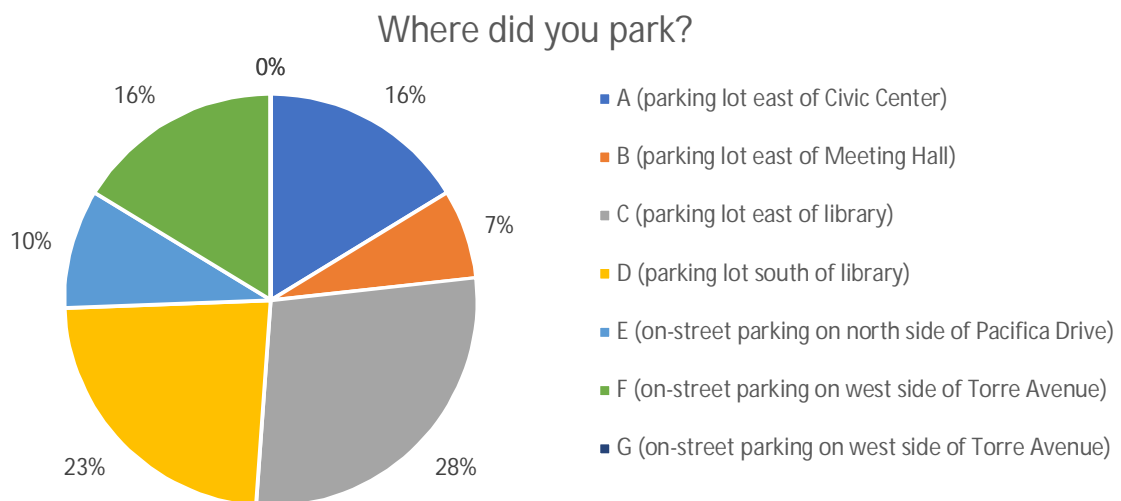
The survey is included in **Appendix B**. A total of 60 patron responses were collected on Tuesday, October 15, 2019 between the hours of 2:00 PM to 4:00 PM and 5:30 PM to 7:30 PM. The result of each survey question is presented below.

## QUESTION 1 HOW DID YOU GET TO THE LIBRARY?



Respondents show that using a personal vehicle to get to the Library was the most popular choice, followed by walking and then biking. No respondents reported using public transportation of any kind to get to the Library and some even commented that they obviously drove to the Library because there is no public transit option.

## QUESTION 2 WHERE DID YOU PARK?



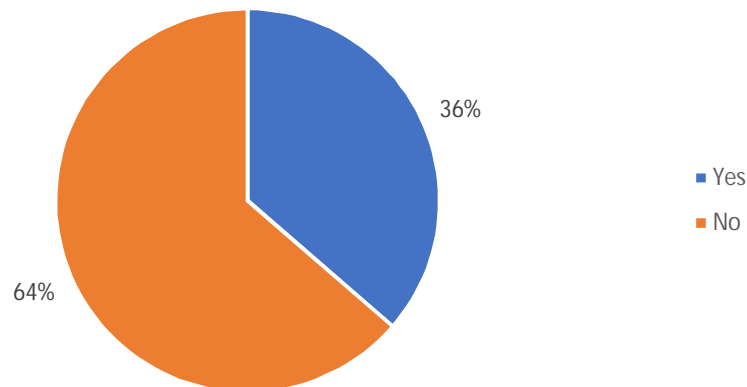
Parking was identified by Zone to survey respondents. Zones A and B mostly service the needs of the City Hall and Community Hall, and Zones C and D service the needs of the Library. Zones E, F, G and H are on-street parking areas. These zones range in size from 12 parking spaces to 114 parking spaces, as noted previously in **Figure 3**. Only 51 percent of the Library patron respondents who drove to the Library were

able to park in the Library section of the parking lot. Another 23 percent reported parking in the City Hall lot, leaving 26 percent who used on-street parking.

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## QUESTION 3 DID YOU HAVE TROUBLE FINDING PARKING?

Did you have trouble finding parking?

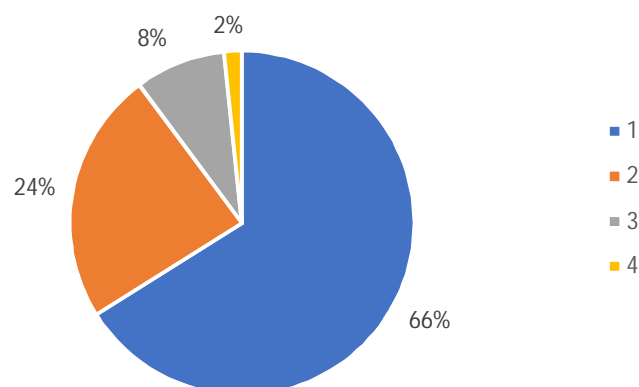


36 percent of respondents reported having trouble finding parking. This corresponds well with the results of question 2 where 26 percent of respondents couldn't find a space in the parking lot. During the survey some vehicles were observed circling the parking lot looking for a spot.

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## QUESTION 4 HOW MANY PEOPLE DID YOU TRAVEL WITH?

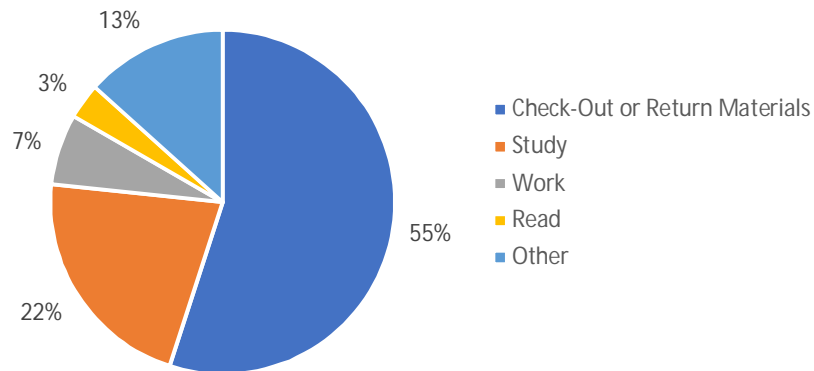
How many people did you travel with to the Library (including yourself)?



66 percent of survey respondents traveled to the Library alone. The largest group size from respondents was 4 (1 response). The average group size of respondents was 1.5 people per group.

## QUESTION 5 WHAT IS THE MAIN PURPOSE OF YOUR VISIT?

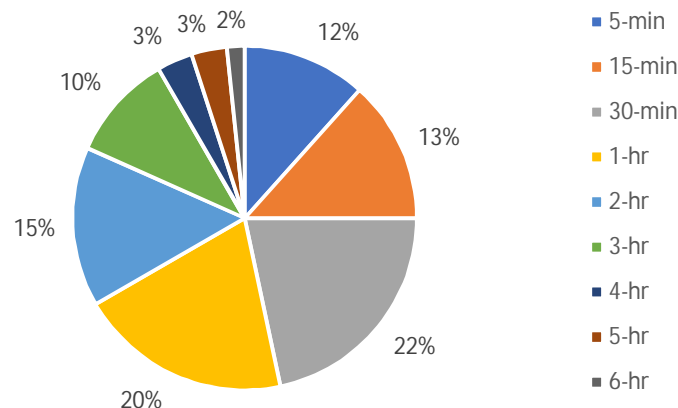
What is the main purpose of your visit to the library?



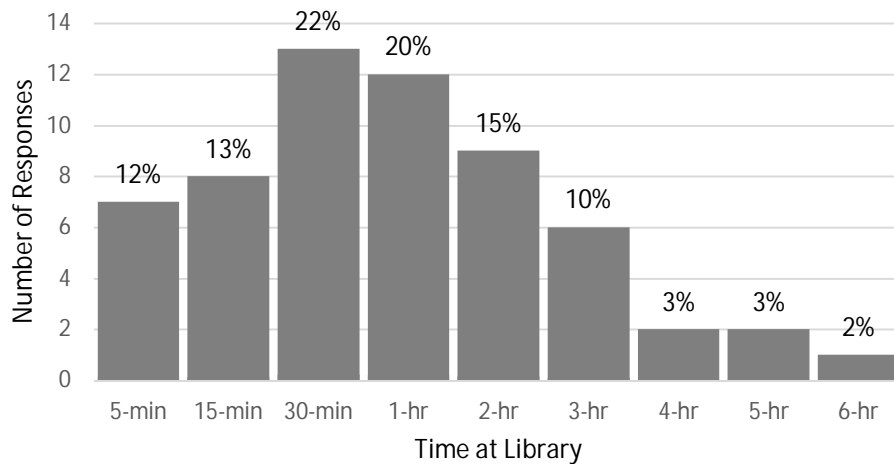
The most popular reason to be at the Library was to checkout or return materials. This consisted of over half of the respondents. Other reasons for traveling to the Library are for a scheduled event, to study, to work, to read, to renew a Library card, to share religious beliefs, to purchase food, to use the internet, to play, to seek employment, and to participate in City Council events at the Community Hall.

## QUESTION 6 HOW LONG DO YOU PLAN TO BE AT THE LIBRARY?

How long do you plan to be at the library today (hours)?



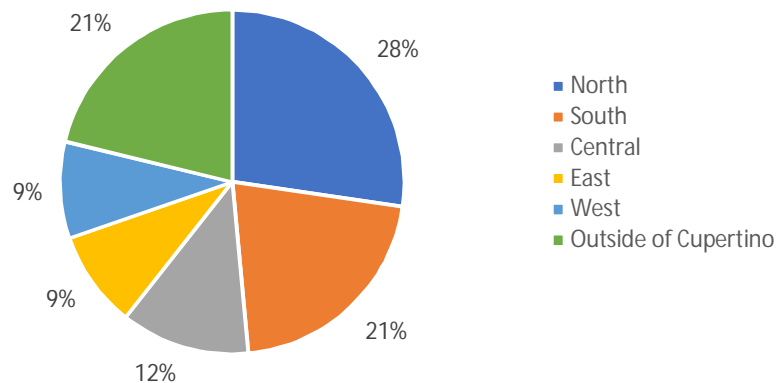
### How long do you plan to be at the library today?



22 percent of respondents reported a planned stay of half an hour, and another 20 percent reported a planned stay of one hour. The average stay of survey respondents was 1.35 hours. The longest reported stay was 6 hours and the shortest reported stay was less than 5 minutes.

### QUESTION 7 WHAT PART OF CUPERTINO DID YOU START YOUR JOURNEY?

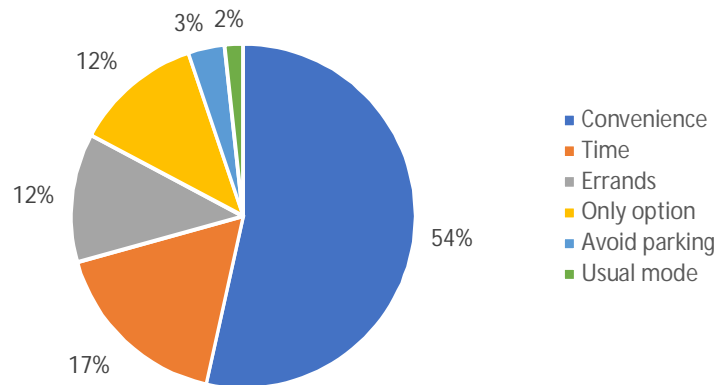
#### What part of Cupertino did you start your journey from?



79 percent of respondents reported beginning their journey to the Library in Cupertino. The majority of the patrons coming from within Cupertino indicated that they traveled from the north and south to get to the Library, with fewer reporting that they travel from the east and west. 21 percent of respondents were traveling from outside of Cupertino to the Library. These respondents reported traveling from work, or other activities to the Library before heading home for the night. Others reported that they were not residents of Cupertino but preferred the Cupertino Library to other locations for reading or studying.

## QUESTION 8 WHAT IS THE MAIN REASON YOU CHOOSE YOUR MODE OF TRANSPORTATION?

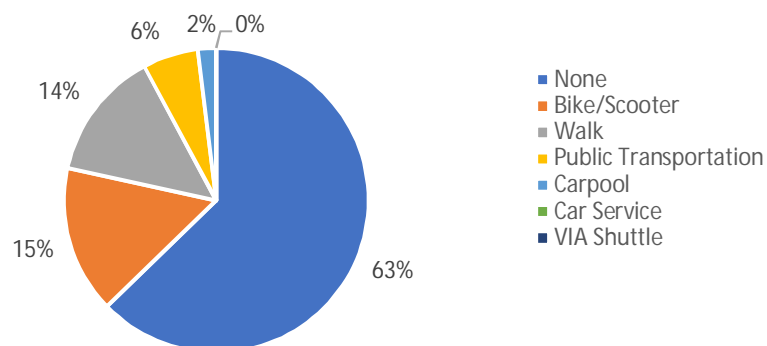
What is the main reason you choose your mode of transportation?



54 percent of respondents chose the mode of transportation that was most convenient option available to them. 17 percent of respondents chose the mode of transportation that would take the least amount of time. No respondents indicated that cost of travel was their deciding factor in choosing their mode of travel.

## QUESTION 9 WHAT OTHER TRANSPORTATION WOULD YOU CHOOSE?

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

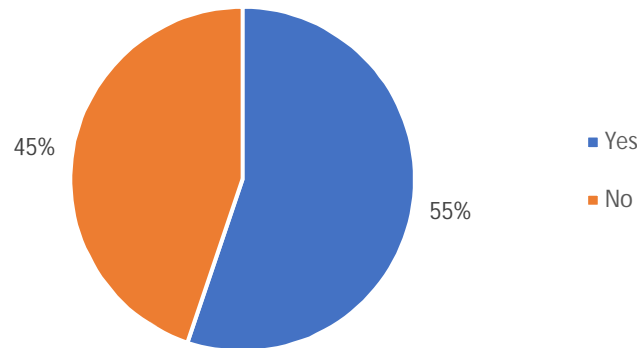


63 percent of respondents would not have traveled to the Library without the use of their personal vehicle. Of respondents who were willing to select a new mode of transportation to the Library, the most popular choice was to walk or bike. Despite the VIA shuttle being an option for respondents to choose, many were unfamiliar with the service, as it had not started yet, and so did not consider it as a viable alternative.



## QUESTION 10 WOULD YOU TAKE A NO COST TRAVEL ALTERNATIVE?

If there was a no cost option to travel to the Library within the City limits, would you take it?



55 percent of survey respondents would be interested in a no cost option to travel to the Library. Many respondents indicated that this option would only be useful if it picked up/dropped off close to their homes or schools during the times they wanted to travel to and from the Library.

## OTHER COMMENTS

Survey respondents were also asked to provide any other comments on Library parking or Library operations in general. The following is a list of all additional comments made by respondents:

- I would take a shuttle if it was handy/close to my home. (6 respondents)
- I usually have trouble finding parking. (5 respondents)
- I usually come to the Library when I am already out of the house. (3 respondents)
- I live too far away to walk. (2 respondents)
- I also came to charge my electric vehicle.
- A no cost shuttle would be a waste of money.
- Many people park in the drop-off stalls and stay longer than 4 minutes.
- I plan my visit to the Library around the off-peak to avoid the crowds.
- I got dropped off at the Library because there is no parking.
- The Library should work out a shared parking agreement with surrounding condos.
- When I want to come to the Library and study for a long time there is no parking.

## PATRON OBSERVATIONAL SURVEY

An observational survey was conducted concurrently with the patron intercept survey. The purpose of this observation was to document the patron arrival rate, group size, and mode of transportation used to travel to the Library for those groups that did not answer the patron intercept survey.

The observational survey was conducted by having one person record their observations on the west side of the Library (towards Torre Avenue) for 15 minutes and then move to the east side of the Library (towards

Parking Lot C) for 15 minutes. This one person would continue to alternate between the two sides every 15 minutes.

The results of the observational survey are summarized in **Table 5** and the collected data is included in **Appendix C**. As noted in **Table 5**, the values in bold were actual observations made when collecting data from that particular side of the Library. The italicized value is an interpolated value based on the previous time period and following time period collected data. This is an interpolated value because the one person collecting this data was making observations on the other side of the Library.

Between 2:00 PM and 4:00 PM, approximately 246 groups comprised of 335 patrons arrived at the Library. An estimated 264 groups comprised of 422 patrons arrived at the Library during the evening observation period between 5:30 PM and 7:30 PM. During the total 4 hours of observation the arriving groups is estimated to be 510, with 757 total Library patrons. An average group size 1.5 people per groups was calculated and matches the average group size collected in the patron intercept survey.

**Table 5 – Library Patron Observational Survey Summary**

Time	Groups Arriving		Average Party Size		Total Groups	Total Patrons
	West	East	West	East		
2:00	6	14	1.2	1.4	20	27
2:15	8	18	1.2	1.4	26	35
2:30	10	22	1.2	1.4	32	43
2:45	11	25	1.2	1.4	36	48
3:00	11	26	1.3	1.4	37	51
3:15	9	26	1.3	1.5	35	50
3:30	6	26	1.3	1.4	32	44
3:45	3	25	1.3	1.3	28	37
<i>Afternoon (2:00 PM - 4:00 PM) Total:</i>					246	335
5:30	13	22	1.4	1.5	35	51
5:45	12	24	1.5	1.5	36	53
6:00	11	26	1.6	1.4	37	54
6:15	9	25	1.7	1.4	34	51
6:30	10	24	1.5	1.5	34	50
6:45	10	23	1.3	1.8	33	55
7:00	7	22	1.2	2.2	29	56
7:15	4	22	1.0	2.2	26	52
<i>Evening (5:30 PM - 7:30 PM) Total:</i>					264	422
<i>Afternoon + Evening Total:</i>					510	757

Notes:

Values in **BOLD** are collected data.

Values in *italics* are derived as an interpolation of the previous and following time period data.

## EMPLOYEE COMMUTER TRAVEL SURVEY

In March 2019, in an effort to gauge interest in a complimentary or low-cost City Shuttle to reduce vehicle trips, a survey was made available through the City website for City residents and employees. This survey

focused on demographic data and how a City shuttle might be used. This survey had over 800 responses. Relevant findings to this study include:

- 86 percent of respondents use an Automobile as their primary form of transportation, with Bike (2%), Transit (5%), Walking (5%), and Other (2%) making up the other options.
- 56 percent of respondents never use VTA for transportation while other respondents Rarely (27%), Sometimes (12%), and Very Often (5%) use VTA.
- In general, “Destination and Frequency of a Cupertino Shuttle service” is more important than user experience and speed although each of these is important to some degree.
- The Library, Caltrain Station, Main Street, and De Anza College are the most requested destinations for a City Shuttle. Other requests include the Senior Center, Apple, grocery stores, hospital, and the post office.
- 69 percent of respondents believe they would use a community shuttle. 28 percent were uncertain and 3 percent were sure they would not use the service.

To better understand commuter travel patterns of the employees of the Civic Center, an employee survey was administered in August 2019. This survey focused on employee demographics, vehicle ownership, commute methods, and work schedules. This survey was given just before the implementation of a pilot TDM program to encourage alternate commutes to work. This survey had 72 employee responses. Relevant findings to this study include:

- 100 percent of City employee respondents owned at least 1 vehicle.
- 97 percent of respondents have driven alone at least once in 2019, 11 percent have carpooled at least once, 4 percent have walked at least once, and 15 percent have biked at least once on their commute in 2019.
- 75 percent of respondents commute by driving alone 5 days a week
- 2 percent of respondents live within 1 mile of work, 20 percent live within 5 miles, 53 percent live within 12 miles.
- 78 percent of respondents begin their morning commute by 7:00 AM
- 98 percent of respondents do not pay for parking
- 81 percent of respondents begin their evening commute by 5:30 PM

A supplemental survey was circulated among Civic Center employees (City Hall and Library employees) in March 2020 that focused on the willingness of employees to utilize alternative modes of transportation, with the goal to reduce parking demands of single occupancy vehicle commuters. It should be noted that this survey was administered after the City had already implemented some pilot TDM measures including providing commuter checks to employees to encourage transit ridership, implementing safe routes to school programs, restricting employee parking to least convenient spaces, adding bicycle racks near City Hall entrances, creating parking time limits in the parking lot, and adding pavement markings to parking along Pacifica Drive. Therefore, the results below present a potential increase for TDM measures in addition to those already implemented. Responses from this survey are included in **Appendix D**.

## QUESTION 1 WHERE DO YOU WORK?

ANSWER CHOICES	RESPONSES	
Civic Center	46.39%	45
Library	46.39%	45
Other (please specify)	7.22%	7
TOTAL		97

Both Library and City Hall (Civic Center) employees responded to this survey, capturing the commute characteristics of both groups.

## QUESTION 2 IS DRIVING ALONE IN A PERSONAL VEHICLE YOUR PRIMARY COMMUTE METHOD?

ANSWER CHOICES	RESPONSES	
Yes	86.60%	84
No	13.40%	13
TOTAL		97

87 percent of survey respondents use a personal vehicle as their primary mode of commuting to and from work. This is a higher percentage than the 75 percent reported in the August 2019 study, which was only sent to City Hall employees. This indicates that Library employees are more likely to drive alone to work, thus increasing the overall share of single occupancy drivers.

## QUESTION 3 WHAT ARE THE OBSTACLES PREVENTING YOU FROM COMMUTING BY ANOTHER MEANS?

ANSWER CHOICES	RESPONSES	
No interest/desire	17.33%	13
Child Care	12.00%	9
No nearby transit to home	41.33%	31
Need for car for errands or work throughout the day	44.00%	33
Require car for personal commitments after work	41.33%	31
Other (please specify)	41.33%	31
Total Respondents: 75		

The need for a personal vehicle to run errands throughout the day, lack of nearby transit, and after work travel are all obstacles keeping single occupancy drivers from using other modes of transportation.

## QUESTION 4 WHAT CHANGES WOULD CAUSE YOU TO USE AN ALTERNATIVE MEANS OF COMMUTING OT WORK?

ANSWER CHOICES	RESPONSES	
More bicycle racks	1.39%	1
More bike lockers	1.39%	1
Construction of bike and pedestrian facilities along Regnart Creek and McClellan Road	6.94%	5
Having dedicated carpool/vanpool parking spaces nearest the building entrance	5.56%	4
Having a guaranteed ride home program (e.g. taxi voucher when emergency arises)	19.44%	14
Being charged a fee (approximately \$3 a day) to park in the parking lot	15.28%	11
None of the above (I am unable to use alternate mans other than driving alone)	66.67%	48
Total Respondents: 72		

Based on the results shown from this question, the addition of bike racks or bike lockers would be the least effective means of reducing employee vehicle trips with only one percent of respondents indicating this would allow them to shift modes. The most effective measure is the implementation of a guaranteed ride home program, in which 19 percent of employee respondents said this would allow them to switch commute modes. Two-thirds of respondents indicated that they cannot use any other means than driving alone as their commute method.

## QUESTION 5 WHAT IS THE MINIMUM DAILY INCENTIVE (IN \$USD) THAT WOULD RESULT IN YOU COMMUTING VIA TRANSIT?

ANSWER CHOICES	RESPONSES	
3-5	10.96%	8
6-10	13.70%	10
11-15	15.07%	11
Regardless of incentive I would not use transit to commute to work	60.27%	44
TOTAL		73

60 percent of respondents would not commute via transit regardless of incentive. An incentive of \$5, \$10, or \$15 may incentivize up to 11 percent, 25 percent, and 40 percent of employees to use transit, respectively.

## QUESTION 6 WHAT IS THE MINIMUM DAILY INCENTIVE (IN \$USD) THAT WOULD RESULT IN YOU COMMUTING VIA BIKE OR WALKING?

ANSWER CHOICES	RESPONSES	
1-5	9.33%	7
6-10	10.67%	8
11-15	5.33%	4
16+	4.00%	3
Regardless of incentive I would not bike/walk to work	70.67%	53
TOTAL		75

Similar to question 5, 71 percent of respondents indicate that they could never bike or walk to work. Based on previous surveys only 20 percent of employees live within 5 miles of work. Those living further than this would find it difficult to walk or bike to work.

## QUESTION 7 WHAT IS THE MINIMUM DAILY PARKING FEE (\$USD) THAT WOULD RESULT IN YOU CHOOSING TO NO COMMUTE VIA PERSONAL VEHICLE?

ANSWER CHOICES	RESPONSES	
1-5	26.76%	19
6-10	18.31%	13
11-15	7.04%	5
16+	4.23%	3
Regardless of cost I would still drive alone to/from work	43.66%	31
TOTAL		71

The disincentive of charging for parking would result in the highest shift from single occupancy commuters to other modes of transportation, equaling approximately 56 percent. However, this would result in high costs for the 44 percent who indicated they cannot travel to work by any other means than driving alone. 27 percent of respondents indicated that a daily parking fee of \$5 would result in a change in transportation mode.

## QUESTION 8 PLEASE RANK ALTERNATIVE COMMUTE METHODS BELOW IN ORDER OF PREFERENCE

	1	2	3	4	5	6	TOTAL	SCORE
Carpool	36.92% 24	12.31% 8	18.46% 12	23.08% 15	9.23% 6	0.00% 0	65	4.45
Bicycle	7.81% 5	10.94% 7	1.56% 1	4.69% 3	56.25% 36	18.75% 12	64	2.53
Walk	8.06% 5	3.23% 2	1.61% 1	3.23% 2	12.90% 8	70.97% 44	62	1.77
Transit	10.77% 7	16.92% 11	27.69% 18	33.85% 22	6.15% 4	4.62% 3	65	3.78
Vanpool	6.25% 4	35.94% 23	26.56% 17	17.19% 11	10.94% 7	3.13% 2	64	4.00
Shuttle	33.85% 22	21.54% 14	23.08% 15	15.38% 10	3.08% 2	3.08% 2	65	4.58

The highest ranked commute alternatives are carpooling and community shuttle. The availability of a community shuttle that provides off-site parking to employees who can then ride the shuttle to the Civic Center campus may help reduce parking congestion at the Civic Center.

## 4. FUTURE PARKING DEMAND

This chapter estimates the future parking demand at the Civic Center including increased demand from the planned Cupertino Library expansion.

### EXPANSION INDUCED PARKING DEMAND

As discussed in Chapter 1, the Library proposes an expansion that will increase the existing 527-square foot Story Room to 1,600 square feet and increasing the room capacity from 36 occupants to 231 occupants. In addition, a new program room is proposed that will add 1,398 square feet of space for the Library to host events, with a maximum occupancy of 204 people. To determine the increased parking demand during an event, the increased potential event attendees was calculated:

$$\text{Net new Story Room occupants} = 231 \text{ Proposed occupants} - 36 \text{ Existing occupants} = 195 \text{ people}$$

$$\text{Net new Program Room occupants} = 204 \text{ Proposed occupants}$$

$$\text{New Event Attendees} = 204 + 195 = 399 \text{ people}$$

Based on survey results, 75 percent of patrons to the Library drive, with a vehicle occupancy rate of 1.5 patrons per vehicle. Thus:

$$399 \text{ event attendees} * 0.75 \text{ driving mode share} / 1.5 \text{ persons per vehicle occupancy} = 200 \text{ vehicle increase in parking demand}$$

It is estimated that events at the Library will increase the parking demand by a maximum of 200 vehicles during the event hours. It is understood that many events will not have an attendance of 399 attendees, however this parking analysis evaluates the worst-case conditions.

### TIME OF DAY ANALYSIS

The increased demand of 200 parking spaces was added to the existing parking occupancy and compared with the total capacity to determine the number of vehicles that cannot be accommodated by the existing capacity. It should be noted that there are restricted parking spaces at the Civic Center, and therefore Library patrons can only park in a portion of the parking lot. These restricted parking spaces are based on time of day, and therefore the parking available for Library patrons varies throughout the day.

The estimated 200-parking space demand for the new Library expansion was added to the available parking spaces for Library patrons only. This excludes permit parking (during the times it is enforced), 4-minute time restricted parking for Library drop-off, and mail and maintenance designated parking. Therefore, although there are available parking spaces within these restricted areas, the demand of 200 parking spaces was not added to those restricted spaces since it is restricted for certain time periods (shown in highlighted grey in **Table 6**). Since the parking spaces with "Permits C and L (7 AM to 3 PM)" are open to all patrons after 3 PM, these spaces are no longer shaded grey after 3 PM. This same methodology applies to the other time restricted spaces. **Table 6** and **Figure 4** show the parking demand and parking supply by time of day.



Table 6 – Increased Parking Demand and Estimated Total Occupancy

Zone		Total Existing Occupancy									Increased Demand								Total Proposed Demand													
Stall Type	Regular <sup>1</sup>	4-Hr parking (7AM - 5PM)	Permits C & L (7AM - 3PM)	Permit L (9AM - 3PM)	Permit C (7AM - 5PM)	Restricted <sup>2</sup>	Total	Total Allowed <sup>3</sup>	% Occupied	Regular <sup>1</sup>	4-Hr parking (7AM - 5PM)	Permits C & L (7AM - 3PM)	Permit L (9AM - 3PM)	Permit C (7AM - 5PM)	Restricted <sup>2</sup>	Spillover	Total	Regular <sup>1</sup>	4-Hr parking (7AM - 5PM)	Permits C & L (7AM - 3PM)	Permit L (9AM - 3PM)	Permit C (7AM - 5PM)	Restricted <sup>2</sup>	Spillover	Total	Total (Allowed Spaces only) <sup>3</sup>	Parking Available (Allowed Spaces only)	% Occupied <sup>4</sup>				
Total Stalls	104	108	53	24	27	6	322			104	108	53	24	27	6	-	322	104	108	53	24	27	6	-	322							
Occupancy by Time of Day	10:00 AM	67	45	37	21	21	1	192	112	53%	37	63					100	200	104	108	37	21	21	1	100	392	312	212	147%			
	10:30 AM	72	67	37	22	22	1	221	139	66%	32	41					127	200	104	108	37	22	22	1	127	421	339	212	160%			
	11:00 AM	76	80	39	21	22	4	242	156	74%	28	28					144	200	104	108	39	21	22	4	144	442	356	212	168%			
	11:30 AM	77	81	40	21	22	3	244	158	75%	27	27					146	200	104	108	40	21	22	3	146	444	358	212	169%			
	12:00 PM	72	91	35	22	18	4	242	163	77%	32	17					151	200	104	108	35	22	18	4	151	442	363	212	171%			
	12:30 PM	74	92	31	24	15	2	238	166	78%	30	16					154	200	104	108	31	24	15	2	154	438	366	212	173%			
	1:00 PM	76	84	40	22	16	3	241	160	75%	28	24					148	200	104	108	40	22	16	3	148	441	360	212	170%			
	1:30 PM	80	82	42	20	17	5	246	162	76%	24	26					150	200	104	108	42	20	17	5	150	446	362	212	171%			
	2:00 PM	89	87	42	19	21	5	263	176	83%	15	21					164	200	104	108	42	19	21	5	164	463	376	212	177%			
	2:30 PM	90	107	42	20	24	5	288	197	93%	14	1					185	200	104	108	42	20	24	5	185	488	397	212	187%			
	3:00 PM	91	108	43	24	24	4	294	266	92%	13	0	10	0			177	200	104	108	53	24	24	4	177	494	466	289	161%			
	3:30 PM	90	106	44	24	24	4	292	264	91%	14	2	9	0			175	200	104	108	53	24	24	4	175	492	464	289	161%			
	4:00 PM	91	108	47	24	25	3	298	270	93%	13	0	6	0			181	200	104	108	53	24	25	3	181	498	470	289	163%			
	4:30 PM	86	107	47	22	25	5	292	262	91%	18	1	6	2			173	200	104	108	53	24	25	5	173	492	462	289	160%			
	5:00 PM	90	108	46	24	25	6	299	293	93%	14	0	7	0	2		177	200	104	108	53	24	27	6	177	499	493	316	156%			
	5:30 PM	84	103	47	23	24	6	287	281	89%	20	5	6	1	3		165	200	104	108	53	24	27	6	165	487	481	316	152%			
	6:00 PM	85	108	39	24	20	5	281	276	87%	19	0	14	0	7		160	200	104	108	53	24	27	5	160	481	476	316	151%			
	6:30 PM	83	108	41	24	17	6	279	273	86%	21	0	12	0	10		157	200	104	108	53	24	27	6	157	479	473	316	150%			
	7:00 PM	79	84	33	19	20	5	240	235	74%	25	24	20	5	7		119	200	104	108	53	24	27	5	119	440	435	316	138%			
	7:30 PM	76	84	30	17	18	5	230	225	71%	28	24	23	7	9		109	200	104	108	53	24	27	5	109	430	425	316	134%			
	8:00 PM	62	73	30	13	17	5	200	195	62%	42	35	23	11	10		79	200	104	108	53	24	27	5	79	400	395	316	125%			
	8:30 PM	48	60	24	12	17	5	166	161	51%	56	48	29	12	10		45	200	104	108	53	24	27	5	45	366	361	316	114%			
	9:00 PM	26	18	12	8	12	5	81	76	24%	78	90	32	0	0		0	200	104	108	44	8	12	5	0	281	276	316	87%			
	9:30 PM	23	17	10	6	11	5	72	67	21%	81	91	28	0	0		0	200	104	108	38	6	11	5	0	272	267	316	84%			
	10:00 PM	12	15	8	6	10	4	55	51	16%	92	93	15	0	0		0	200	104	108	23	6	10	4	0	255	251	316	79%			
	10:30 PM	2	12	6	3	7	2	32	30	9%	102	96	2	0	0		0	200	104	108	8	3	7	2	0	232	230	316	73%			

Notes

<sup>1</sup> Includes regular, accessible, carpool, EV, and 2 hour time restricted parking spaces

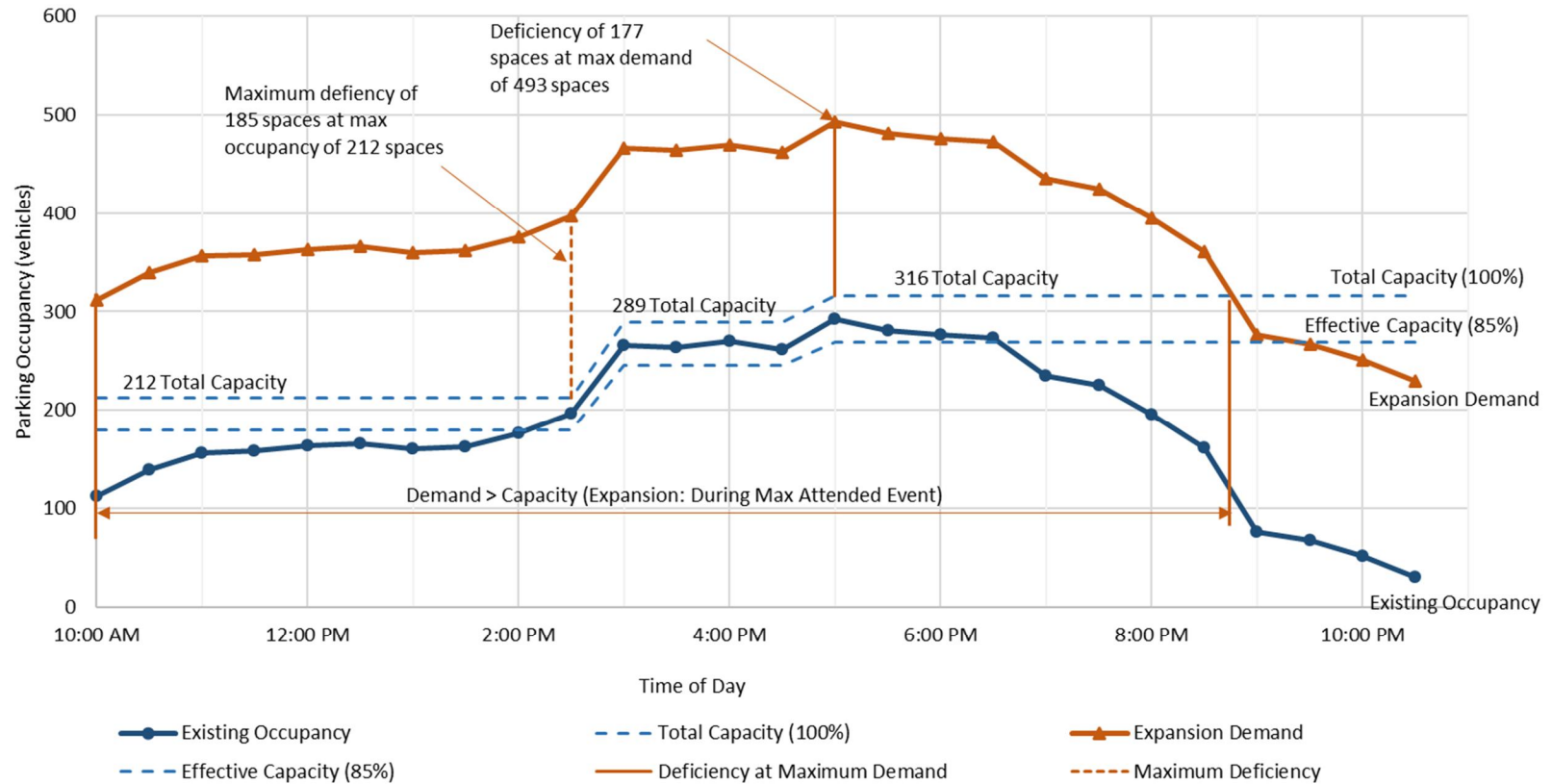
<sup>2</sup> Includes 4 minute, mail, maintenance, and red zone restricted parking

<sup>3</sup> Total Allowed parking excludes restricted parking and permit parking for the time it is enforced

<sup>4</sup> Proposed occupancy that exceeds total existing capacity are shown in bold and highlighted in yellow  
Spaces excluded from the total allowed and total capacity due to restrictions are shown highlighted in grey

The "total proposed demand" columns show the number of occupied parking spaces when combining the existing occupancy and the proposed Library expansion demand. The "Total" column shows the total parking spaces needed (including the restricted parking spaces). The "Total (Allowed Spaces only)" column shows the demand for only the parking spaces available to Library patrons. The "Parking Available (Allowed Spaces only)" shows the parking capacity. This changes throughout the delay as time restricted parking expires. The "% Occupied" column shows the parking demand divided by the parking available for the Library patron spaces only.

Figure 4 – Future Parking Demand by Time of Day.



## RESULTS

As shown in **Table 6** and **Figure 4** above, the proposed demand exceeds the total capacity from before 10:00 AM to 9:00 PM. Note that this duration would be even longer if comparing the demand to the effective capacity (85 percent full).

The peak occupancy (187 percent) at 2:30 PM shows a parking demand of 397 spaces with a total capacity of 212 spaces; therefore, there is a deficiency of 185 spaces. Note that this is just the highest peak occupancy by percentage.

The peak occupancy in terms of the number of parking spaces is 493 parking spaces (156 percent occupied) at 5:00 PM. This has a higher number of parking spaces needed, but lower percentage because there are more available parking spaces for Library patrons at 5 PM compared to at 2:30 PM. There is a parking deficiency of 177 parking spaces at 5 PM.

## 5. PARKING SOLUTIONS

This chapter presents possible parking solutions that have been considered in the past as well as new possible parking solutions to accommodate the increased parking demand induced by the Library expansion. Parking solutions include physical improvements and construction of new parking spaces, as well as incentives to reduce overall parking demand. As discussed in Chapter 4, using a combination of physical improvements and parking demand reductions, a total of 185 additional parking spaces should be made available to accommodate employee and patron parking during peak periods.

The parking solutions presented in **Table 7** estimate the number of available spaces each solution will add, as well as the estimated cost. For programmatic improvements with annual costs, the lifetime cost was calculated as 20 times the annual cost, assuming the program lasts 20 years. Unless specifically noted otherwise, the costs presented in **Table 7** and discussed below represent hard costs for the proposed solution without estimates on any soft costs associated with implementation or maintenance. It is likely that no single solution will provide enough parking to accommodate the future Civic Center peak hour demand. Instead multiple solutions from **Table 7** will need to be combined to achieve the desired parking demand to capacity ratio. In selecting multiple solutions to consider from **Table 7**, caution should be used to only combine compatible solutions, as the implementation of one solution may, by default, make other solutions infeasible or less effective. **Figure 5** shows the location of potential physical improvements from **Table 7**. **Figure 6** identifies other City owned facilities, schools, and religious buildings within a mile radius from the Civic Center that may have underutilized parking lots during a typical weekday.

### PARKING SUPPLY INCREASE STRATEGIES

- **Option 1 - Construct a one-story parking deck above the existing parking lot:** This option would construct a one-story parking deck above the existing surface parking lot. It is estimated that this improvement would increase available parking by 215 stalls and cost \$3.2 million to implement. Careful planning to minimize impacts to existing utilities, landscaping, and natural light on the campus would be necessary. The estimate of an additional 215 stalls assumes a 95 percent parking efficiency of the parking structure based on the existing 226 stalls. The estimated cost of \$3.2 million assumes an average cost of construction of \$15,000 per parking stall.
- **Option 2 – Narrow parking stalls from 9 feet wide to 8.5 feet wide:** This option would restripe the 9-foot-wide parking stalls in the existing surface parking lot at the Civic Center making each stall 8.5 feet wide. It is estimated that this improvement would increase available parking by 13 stalls and cost \$35,850 to implement. This assumes an average cost of \$150 per restriped stall or \$5 per linear foot of paint with 30 linear feet of paint per stall. The average large sedan is 6.5 feet wide, leaving 2 feet of clearance on either side of a parked vehicle. This may result in larger vehicles opting to park on the street instead of trying to use the narrow parking spaces.
- **Option 3 – Construct a new drop-off area on Torre Avenue:** This option would construct a new drop-off area on the east side of Torre Avenue between the City Hall and the Library. It is estimated that this improvement would add 2 drop-off stalls but would require removal of 4 on-street parking stalls on Torre Avenue. It is estimated that this improvement would also reduce parking demand in the parking lot by 13 vehicles during the peak hour, for a total benefit of 11 stalls (vehicles) and a total cost of \$830,000. A conceptual design is included in **Appendix E** and a cost estimate breakdown included in **Appendix F**. The existing 4-minute book drop-off parking spaces are located on the east side of the Library in the Library parking lot. These spaces are meant to have a high turnover, but are difficult to navigate to and cannot be seen from the street and so they are often occupied longer than 4 minutes. This option would move these spaces to a vehicle pull out

on Torre Avenue, increasing circulation efficiency and available parking in the surface parking lot. Based on survey data collected, 12 percent of Library patrons intend to make their Library visit less than 5 minutes. By moving the 4-minute timed stalls to the Library pullout, it was assumed that the peak hour demand in the parking lot would be reduced by 12 percent or 13 vehicles.

- **Option 4 – Convert one Rodrigues Avenue parking space into motorcycle parking:** This option would convert one passenger vehicle parking stall on Rodrigues Avenue into motorcycle parking. This improvement would result in a net increase of 4 parking spaces (Remove 1 vehicle stall and replace with 5 motorcycle stalls) and would cost \$200. This cost assumes \$5.5 per linear foot for paint with 9 linear feet per stall. It is recommended that this option be implemented with Option 2. There is a small demand for motorcycle and scooter parking, however the Civic Center does not currently provide any motorcycle parking on-street or in the parking lot. Motorcycles require less space to park and the Civic Center can increase parking supply by servicing this need.
- **Option 5 – Move pick-up/drop-off return 4-minute stalls to Torre Avenue:** Similar to Option 3, this option would move the 4-minute time-restricted stalls to on-street parking on the east side of Torre Avenue. (This option would not construct a new pull out). This option would replace existing stalls on Torre Avenue resulting in no change in total number of stalls. However, like Option 3, this relocation of drop-off stalls is estimated to serve 13 patrons during the peak hour reducing the overall demand in the parking lot during the peak hour by 13 parking spaces. The only cost associated with this improvement would involve relocating and adding 2 signs restricting the use if these parking spaces as well as installing book drop off receptacles, from the parking lot to the street estimated at \$5,000 for the lifetime of the project..

## PARKING DEMAND DECREASE STRATEGIES

- **Option 6 – Provide commuter checks to employees to encourage transit ridership:** This option would provide reimbursement or commuter checks to employees who choose to ride transit. Estimated reduction in parking demand is based off responses from the employee survey discussed in Chapter 3. Options a, b, and c represent three tiers of reimbursement/incentive of \$5, \$10, and \$15 a day. It is estimated that a \$5 per day commuter check would result in a demand reduction of 17 vehicles per day, a \$10 per day commuter check would result in a demand reduction of 38 vehicles per day, and a \$15 per day commuter check would result in a demand reduction of 61 vehicles per day. The annual cost of supporting this program would be \$22,100, \$98,800, and \$237,900 for a \$5, \$10, and \$15 commuter check per day per participating employee, respectively. Annual costs were estimated assuming a 5-day work week, 52 weeks per year.
- **Option 7 – Provide commuter checks to employees to encourage biking and walking:** This option would provide reimbursement or commuter checks to employees who choose to bike or walk to work. Estimated reduction in parking demand is based off responses from the employee survey discussed in Chapter 3. Options a, b, and c represent three tiers of reimbursement/incentive of \$5, \$10, and \$15 a day. It is estimated that a \$5 per day commuter check would result in a demand reduction of 14 vehicles per day, a \$10 per day commuter check would result in a demand reduction of 30 vehicles per day, and a \$15 per day commuter check would result in a demand reduction of 38 vehicles per day. The annual cost of supporting this program would be \$18,200, \$78,000, and \$148,200 for a \$5, \$10, and \$15 commuter check per day per participating employee, respectively. Annual costs were estimated assuming a 5-day work week, 52 weeks per year.
- **Option 8 – Parking cash-out for employees:** This option would provide a cash-out to each employee for not using the parking lot. Estimated reduction in parking demand is based off responses from the employee survey discussed in Chapter 3. Options a, b, and c represent three tiers of cash-out of \$5, \$10, and \$15 a day. It is estimated that a \$5 per day cash-out would result

in a demand reduction of 41 vehicles per day, a \$10 per day cash-out would result in a demand reduction of 68 vehicles per day, and a \$15 per day cash-out would result in a demand reduction of 79 vehicles per day. The annual cost of supporting this program would be \$53,300, \$176,800, and \$308,100 for a \$5, \$10, and \$15 cash-out per day per participating employee, respectively. Annual costs were estimated assuming a 5-day work week, 52 weeks per year.

- **Option 9 – Charge employees for permitted parking:** This option would charge employees a fee for parking. Estimated reduction in parking demand is based off responses from the employee survey discussed in Chapter 3. Options a, b, and c represent three tiers of parking fees of \$5, \$10, and \$15 a day. It should be noted that this option would provide revenue instead of a cost to the City, as denoted with negative values for the cost in **Table 7**. It is estimated that a \$5 per day charge would result in a demand reduction of 41 vehicles per day, a \$10 per day cash-out would result in a demand reduction of 68 vehicles per day, and a \$15 per day cash-out would result in a demand reduction of 79 vehicles per day. The annual revenue of this program would be \$144,300, \$218,400, and \$284,700 for a \$5, \$10, and \$15 cash-out per day per participating employee, respectively. Annual costs were estimated assuming a 5-day work week, 52 weeks per year.
- **Option 10 – Charge visitors \$5/day for parking:** This option would charge visitors a fee for parking. Estimated reduction in parking demand is based off responses from the employee survey discussed in Chapter 3. It was assumed that visitor behavior would be similar to employee behavior and that a \$5 per day fee would result in a 27 percent reduction in visitor parking demand or a reduction of 92 vehicles during the peak hour. It should be noted that this option would provide revenue instead of a cost to the City, as denoted with negative values for the cost in **Table 7**. It is estimated that a \$5 per day charge for visitor parking would result in an annual revenue of \$323,700. Annual revenue were estimated assuming peak demand 5 days a week, 52 weeks per year. These charges would only be applicable on weekdays.
- **Option 11 – Restrict City Hall and Library employee parking to off-site locations:** This option would prohibit Civic Center employees from parking on-site. Individual employees would be required to determine a new parking location on their own or switch modes of transportation. There are currently 104 occupied employee restricted stalls during the peak periods at the Civic Center. Therefore, this option would reduce the demand by 104 vehicles. This option may be difficult to enforce if on-site parking was unrestricted to all visitors, therefore an annual cost of \$100,000 was assumed for enforcement. This option may only be feasible given that off-site parking solutions for employees are provided such as solutions recommended in option 22 or option 24.
- **Option 12 – Reduce 4-Hour parking to 2-Hour parking:** This option would increase Library patron turnover and allow more people to access parking throughout the day at the Library. To determine the effect of only restricting the 4-hour spaces to 2-hour spaces, the library patron survey shows that 82 percent of library patrons visit the library for 2 hours or less, another 13 percent stay between 2-4 hours, and 5 percent stay for more than 4 hours. By reducing the parking limit from 4 hours to 2 hours, 13 percent of the driving library patrons during the peak hour would no longer be able to park in 4-hour parking, thereby reducing peak hour parking demand by 14 vehicles. The only direct cost associated with the project would be installation of signs indicating the 2-hour parking limit however for this measure to be effective the annual cost of enforcement was also assumed at \$100,000.
- **Option 13 – Provide a free shuttle from local schools to the Library:** During the afternoon peak period, 86 children were observed traveling to the Library from school. Of the children observed entering the Library during the afternoon peak, only 14 children were dropped off or walked from school. The remaining 72 children arrived with an adult, who parked on-site. This option proposes a free shuttle that would allow students to ride to the Library, helping to reduce parking demand. Assuming that half of the 72 children would use the shuttle, this results in a parking demand



reduction of 36 vehicles during the peak periods. While the shuttle would be free to the public, the cost to the City was assumed to be \$3 per rider, 20 days a month, and 10 months a year, where the assumed number of riders is 14 children who already walk or get dropped off plus 36 new children who use the shuttle once it is offered. This results in an estimated annual cost of \$30,000.

- **Option 14 – Provide employees a guaranteed ride home program:** This option would provide a free ride home to participating employees who elected not to drive alone to work. Based on the employee survey, this option would reduce single occupancy vehicle commutes by 19 percent. This results in a weekday reduction of 29 vehicles. The estimated annual cost for this program is \$653. The annual cost assumes a maximum cost of \$45 per ride with 5 rides per year at a 10 percent utilization. One major obstacle to switching from driving alone is the peace of mind in knowing that you can quickly travel home in the case of an emergency. A guaranteed ride home program provides employees with this peace of mind without the need to drive to work. It also is available when their regular mode of transportation breaks down (i.e. missed the bus, staying late at work, or cannot bike home due to inclement weather).
- **Option 15 – Create a healthy families program:** This option would educate families who are patrons and employees of the Civic Center on how to travel as a family by walking and biking and encouraging these modes of transportation. A study from the League of American Bicyclists in 2008 in San Francisco shows that educational programs including activities like a “bike to work (Library) day” can increase bike ridership by 25 percent. Survey data shows that approximately 23 percent of Library patrons bike or walk to the Library. Therefore, it is estimated that this option will reduce parking demand by 20 vehicles during the peak periods. The cost of these educational programs is estimated to be \$10,000 a year.
- **Option 16 – Designate carpool spaces:** This option would provide priority parking spaces closer to building entrances for vehicles with a person occupancy of 2+ persons per vehicle. Survey data indicates that this will result in a 5 percent reduction in parking demand or a weekday reduction in demand of 8 vehicles. The cost of this option is considered negligible.
- **Option 17 – Education on transportation demand management:** Studies show that education of employees on the principles of transportation demand management will result in up to a 4 percent reduction of vehicle trips. It is estimated that this option will reduce peak period parking demand by 6 vehicles. The costs associated with this option include distribution of information through classes, website information, videos, pamphlets and hosting events. An estimated cost of \$10,000 per year is expected to provide these resources.
- **Option 18 - Construct a multi-use Regnart Creek Trail:** This option would provide a separated pedestrian and bike facility for travel between the Civic Center and the residential neighborhoods to the East of the Civic Center along Regnart Creek. Planning for this trail has been completed and project cost is projected at \$2.2 million. According to the preliminary investigation from the Caltrans Division of Research on the Influences on Mode Shift Associated with Various Classes of bikeways, physically separated bikeways providing greater safety for biking with a typical increase in ridership by 10% from other uses. It is estimated that bike and pedestrian share would increase resulting in a reduction in peak period parking demand of 10 vehicles. A 10-vehicle parking demand reduction was calculated as 10 percent of the biking and walking Library patrons divided by an average vehicle occupancy of 1.5 persons per vehicle.
- **Option 19 – Increase secure bicycle parking close to City Hall:** This option would provide secure bicycle parking near City Hall for employees to use to secure their bikes. Survey results indicate the 1 percent of employees would like more secure bike parking near City Hall. It is estimated that this would result in a reduction in weekday parking of 2 vehicles. The estimated cost of providing this option would be \$1,500 per bike locker for the lifetime of the bike locker. This

option is already being implemented as 10 bike share spaces have been provided to City Hall employees.

- **Option 20 –** Provide option for eligible employees to telecommute: This option would allow employees whose jobs allow to telecommute to work instead of being required to show up in person. It was assumed that of all City Hall employees who currently drive to work, only 10 percent would be eligible employees who opt to telecommute. While there may be some operational soft costs to setting up this program, it is expected that this option would be mostly cost free.

## PARKING MANAGEMENT MEASURES

- **Option 21 – Add valet parking for large events:** When the Library has double booked events in the Story Room and the Program Room or an overlap is planned with Community Hall events, valet parking will allow for greater parking density on site. Assuming just the south side of the surface lot is used as valet parking, it is estimated that the parking supply can be increased by 30 vehicles by double parking within the southern portion of the parking lot. The cost for this option is estimated to be \$48,000 annually and assumes 2 valet parked events per month with an average cost of \$2,000 per event. It is anticipated that the cost for valet services would be offset by the permit cost for the event.
- **Option 22 – Create a shared parking agreement with Eaton Elementary:** Of the 60 total parking stalls at Eaton Elementary, 6 parking stalls would be available for use by the Civic Center during peak hours. Eaton Elementary is a 1,600-foot walk (~1/3 mile) from the Library or City Hall, crossing local, low-speed roads. The annual pricing for parking at De Anza College is \$90 per space. Using that cost for leasing space from the elementary school, it is estimated that this option would cost \$540 annually. This option may only be a temporary short-term solution to increasing parking supply.
- **Option 23 – Create a shared parking agreement with the adjacent town center:** This option would increase parking supply by leasing parking spaces at the west-adjacent town center business complex. Land uses in this complex consist of mostly small single office businesses, including a family counseling clinic and dental offices. These land uses typically see peak use in the mid-morning and mid-afternoon, with a sharp decline after 5:00 PM. For the evening peak at the Library, a shared use agreement could be created for Library patrons to use this parking after 5:00 PM. It is estimated that approximately 108 parking stalls would be available after 5PM. Using the annual pricing for parking at De Anza College of \$90 per space, it is estimated that this option would cost \$16,200 annually.
- **Option 24 – Lease parking from nearby Seagate building:** This option would include renting parking space at the nearby Seagate building. This building parking lot is approximately 700 feet from the Civic Center, allowing employees to park and walk to work. An estimated total of 100 parking spaces could be available to Civic Center employees and visitors. The annual cost for this option is estimated to be \$9,000. This cost estimate assumes annual pricing per stall of \$90. This would be a temporary solution during construction of the Library expansion and subsequent parking improvements.
- **Option 25 – Create a shared parking agreement with other offsite schools/parks:** This option identifies all the parks and schools within a 1-mile radius of the Civic Center and the potential available parking spaces at these locations. A maximum of 25 percent of the total parking provided at these locations was assumed to be available for a parking agreement. The cost for annual leasing of parking spaces from each of the schools and parks in this option was based on the annual parking cost at De Anza College of \$90 per space.



- **Option 26 – Create a shared parking agreement with off-site churches:** This option identifies all churches within a 1-mile radius of the Civic Center and the potential available parking spaces at these locations. A maximum of 25 percent of the total parking provided at the locations was assumed to be available for a parking agreement. It should be noted that the highest parking demand at churches is typically during services on weekends and agreements may need to focus on Civic Center use on weekdays. The cost for annual leasing of parking spaces from each of the churches in this option was based on the annual parking cost at De Anza College of \$90 per space.

## VERY LIKELY INFEASIBLE PARKING STRATEGIES

- **Option 27 – Extend parking lot onto library field:** This option would replace the existing Library field with a permeable paved parking lot that could be a multi-use surface used for sports or other activities when parking demand is low and opened for use as additional parking during events. It is estimated that up to 330 parking spaces could be provided by this option based on the current parking lot density of 360 square feet per stall. The lifetime cost for this improvement is estimated at \$2.1 million, which assumes a cost of \$15 per square foot of parking, with an added 20 percent cost for engineering and design. This option was identified as very likely infeasible as it would remove a main feature of the Civic Center and is cost prohibitive.
- **Option 28 – Construct a parking deck below the library field:** This option would excavate underneath the Library field to build parking under the field. It is estimated that an additional 221 parking spaces could be provided, assuming a two-thirds parking efficiency for the subterranean parking structure. Assuming a total construction cost of \$45,000 per parking space, including soft costs, the lifetime cost for this option is estimated to be \$9.9 million. While this option plans to replace the Library field after construction of the underground parking, the field would be closed during construction. The prohibitive cost of an underground parking structure makes this option very likely infeasible.
- **Option 29 – Add 48 parking spaces to the east side of the library field and add access to Pacifica Drive:** This option would add an aisle of parking to the east side of the library field, increasing the parking supply by 48 spaces. It is estimated the lifetime cost for this improvement would be \$480,000, assuming a cost of \$10,000 per parking stall for construction. This option would allow for most of the Library field to remain and increase circulation efficiency with access on Pacifica Drive. However, as discussed in previous parking solution studies, this option would result in a library field too small for regulation soccer and cricket fields and would be an expensive construction improvement. For these reasons the option was considered very likely infeasible.
- **Option 30 – Add 47 parking spaces to the north side of the library field:** This option would increase the parking supply by 47 spaces on the north side of the Library field. The overall cost for this improvement is \$470,000, assuming cost of construction of \$10,000 per stall. For the same reasons as Option 29, this option was considered very likely infeasible.
- **Option 31 – Add parking to the south side of the library access (on the north side of the Torre Avenue driveway):** This option would add stalls to the north side of the south driveway (off Torre Avenue). This would require relocation of utilities, sidewalk and potentially the trees in the Memorial Grove. This option could provide up to 20 additional stalls with an estimated construction cost of \$200,000, assuming an average price of \$10,000 per stall. The cost of this improvement and the desire to leave the Memorial Grove in place resulted in this option being considered very likely infeasible.
- **Option 32 – Add diagonal parking to the east side of Torre Avenue:** This option would construct diagonal parking along the east side of Torre Avenue, similar to the existing diagonal parking available on the west side of Torre Avenue. This would increase available parking by approximately

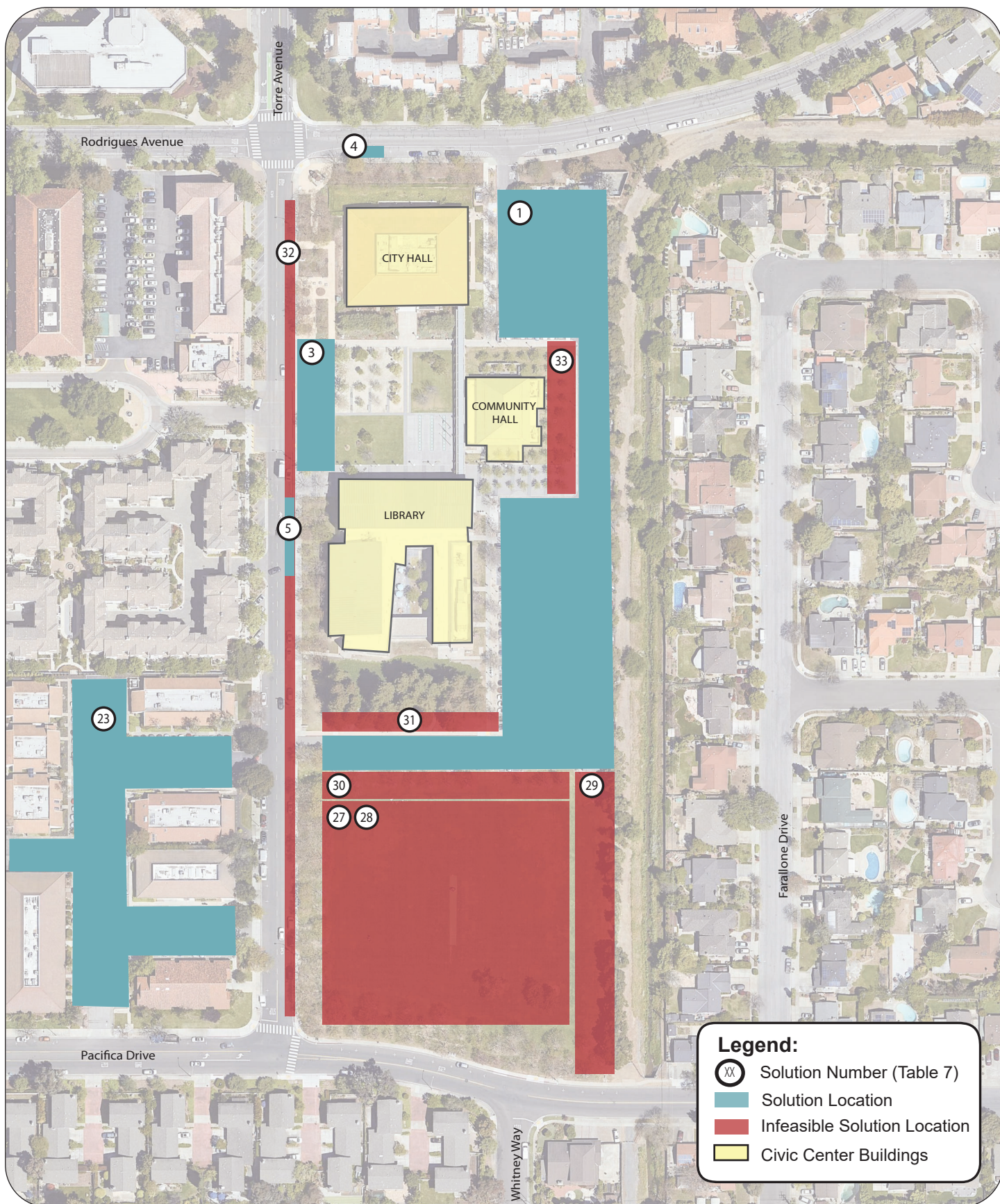
12 stalls. This improvement is estimated to cost \$1.6 million over the lifetime of the project. Conceptual layouts for the improvement and cost estimates are included in the **Appendix E** and **Appendix F**. There is already parallel parking available on the east side of Torre Avenue and the costly curb and gutter construction of diagonal parking, including relocation of sidewalk and trees, make this improvement cost prohibitive. Therefore, this option is very likely infeasible. Option

- **Option 33 - Construct new parking stalls east of the Community Hall and relocate the Sister Cities Grove:** This option is very likely infeasible out of a desire to avoid moving trees and relocating utilities for a gain of only 16 parking stalls. At \$10,000 per parking stall, this improvement is estimated to cost \$160,000.
- **Option 34 – Alternate story room and program room events:** Both the program room and the story room are being expanded to accommodate over 200 people. Limiting events during afternoon and evening peaks to only one room by alternating hours or days large events are held in each room, would reduce the overall parking demand during the peak hour by at least 102 vehicles. Smaller events may be held concurrently during peak hours and larger events may be held concurrently during off peak hours to allow attendees enough spaces to park. No cost is assumed for this improvement. A reduction of 102 vehicles is based on average vehicle occupancy of 1.5 patrons per vehicle and a diver share of 75 percent as observed from the patron surveys.

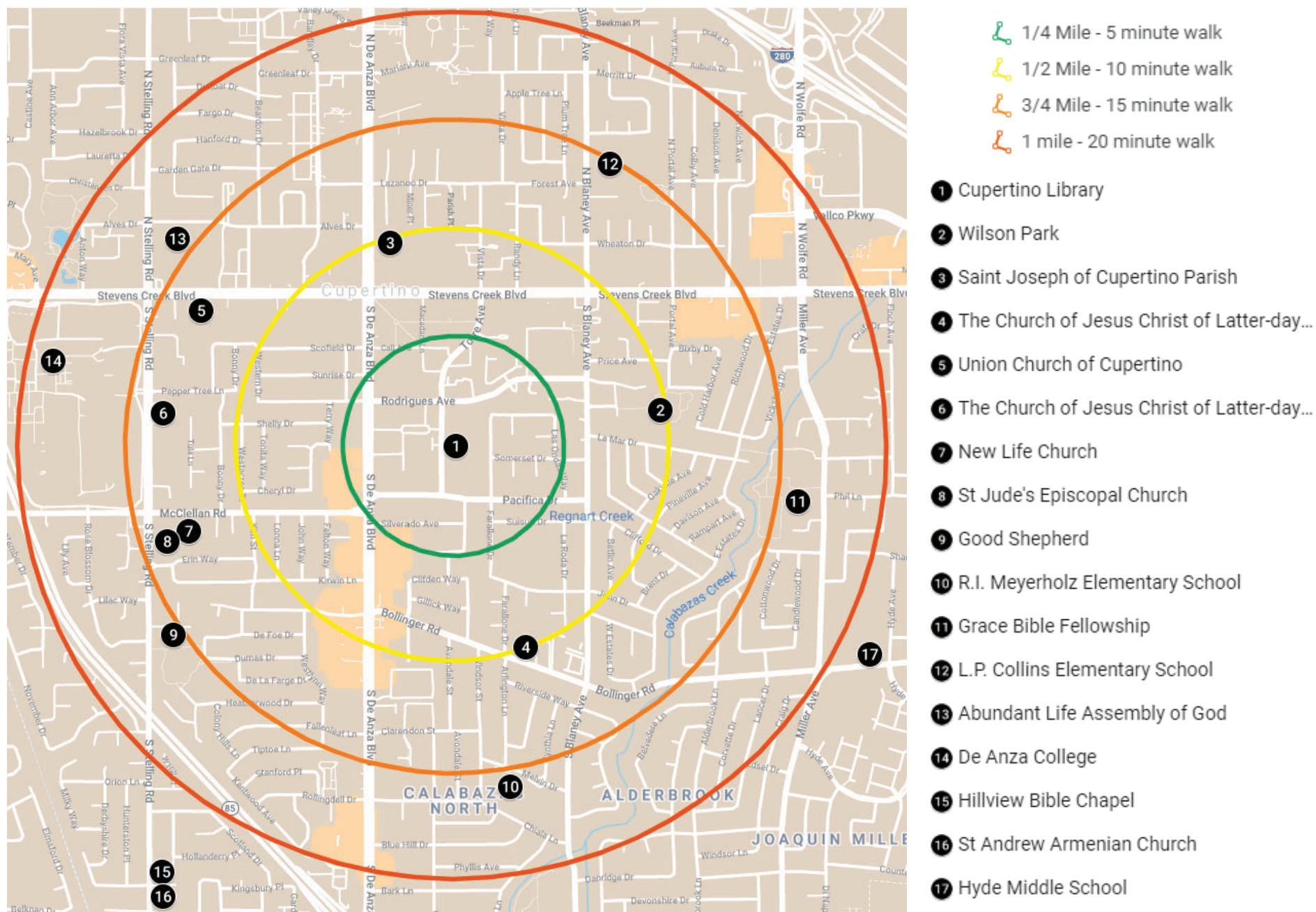
Table 7 – Parking Solutions

#	Option	Δ Stalls	Annual Costs		Lifetime Costs	
			Per Parking Stall	Total	Per Parking Stall	Total
Parking Supply Increase Strategies						
1	Construct a one-story parking deck above the existing parking lot	215	--	--	\$ 15,000	\$3,225,000
2	Narrow parking stalls from 9 feet wide to 8.5 feet wide	13	--	--	\$150	\$35,850
3	Construct a new drop-off area on Torre Ave	11	--	--	\$75,455	\$830,000
4	Convert one Rodrigues Avenue parking space into motorcycle parking	4	--	--	\$50	\$200
5	Move pick-up/drop-off return 4-minute stalls to Torre Ave	13	--	--	\$385	\$5,000
Parking Demand Decrease Strategies						
6	Provide commuter checks to employees to encourage transit ridership	--	--	--	--	--
a	\$5/day	17	\$1,300	\$22,100	\$26,000	\$442,000
b	\$10/day	38	\$2,600	\$98,800	\$52,000	\$1,976,000
c	\$15/day	61	\$3,900	\$237,900	\$78,000	\$4,758,000
7	Provide commuter checks to employees to encourage biking and walking	--	--	--	--	--
a	\$5/day	14	\$1,300	\$18,200	\$26,000	\$364,000
b	\$10/day	30	\$2,600	\$78,000	\$52,000	\$1,560,000
c	\$15/day	38	\$3,900	\$148,200	\$78,000	\$2,964,000
8	Parking cash out for employees	--	--	--	--	--
a	\$5/day	41	\$1,300	\$53,300	\$26,000	\$1,066,000
b	\$10/day	68	\$2,600	\$176,800	\$52,000	\$3,536,000
c	\$15/day	79	\$3,900	\$308,100	\$78,000	\$6,162,000
9*	Charge employees for permitted parking	--	--	--	--	--
a	\$5/day	41	(\$3,520)	(\$144,300)	(\$70,390)	(\$2,886,000)
b	\$10/day	68	(\$3,212)	(\$218,400)	(\$64,235)	(\$4,368,000)
c	\$15/day	79	(\$3,604)	(\$284,700)	(\$72,076)	(\$5,694,000)
10	Charge visitors \$5/day for parking	92	(\$3,518)	(\$323,700)	(\$70,370)	(\$6,474,000)
11	Restrict City Hall and Library employee parking spaces to off-site locations	104	\$962	\$100,000	\$19,231	\$2,000,000
12	Reduce 4-Hour parking to 2-Hour parking	14	\$7,142	\$100,000	\$142,857	\$2,000,000
13	Provide a free shuttle/bus from local schools to the library after school	36	\$833	\$30,000	\$16,667	\$600,000
14	Guaranteed ride home program	29	\$23	\$653	\$450	\$13,050
15	Create healthy families program to encourage families to bike/walk to the Library	20	\$500	\$10,000	\$10,000	\$200,000
16	Designate carpool spaces	8	--	--	\$0	\$0
17	Education on TDM	6	\$1,667	\$10,000	\$33,333	\$200,000
18	Construct multi-use Regnart Creek Trail to enable ped and bike commute	10	--	--	\$213,137	\$2,200,000
19	Add secure bicycle parking close to City Hall entrance	2	--	--	\$1,500	\$3,000
20	Provide option for eligible employees to telecommute	15	--	--	\$0	\$0
*Note: Negative cost values shown in red are actually revenue generated by the measure.						
Parking Management Measures						
21	Add valet parking for large events	30	\$1,600	\$48,000	\$32,000	\$960,000
22	Shared parking agreement with Eaton Elementary (temporary)	6	\$90	\$540	\$1,800	\$10,800
23	Shared parking agreement with Town Center (after 5PM) (temporary)	180	\$90	\$16,200	\$1,800	\$324,000
24	Lease parking from nearby Seagate building (temporary)	100	\$90	\$9,000	\$1,800	\$180,000
25**	Off-site parking at other schools and parks (from closest to farthest; see Figure 7)	--	--	--	--	--
a	Wilson Park	20	\$90	\$1,800	\$1,800	\$36,000
b	R.I. Meyerholz Elementary	15	\$90	\$1,350	\$1,800	\$27,000
c	L.P. Collins Elementary	15	\$90	\$1,350	\$1,800	\$27,000
d	De Anza College (2400 total stalls)	200	\$90	\$18,000	\$1,800	\$360,000
e	Hyde Middle School	19	\$90	\$1,710	\$1,800	\$34,200
26**	Off-site parking at nearby churches (from closest to farthest; see Figure 7)	--	--	--	--	--
a	Saint Joseph of Cupertino Parish	68	\$90	\$6,120	\$1,800	\$122,400
b	The Church of Jesus Christ of Latter Day Saints	32	\$90	\$2,880	\$1,800	\$57,600
c	Union Church of Cupertino	36	\$90	\$3,240	\$1,800	\$64,800
d	The Church of Jesus Christ of Latter Day Saints	35	\$90	\$3,150	\$1,800	\$63,000
e	New Life Church	28	\$90	\$2,520	\$1,800	\$50,400
f	St. Jude's Episcopal Church	22	\$90	\$1,980	\$1,800	\$39,600
g	Good Shepherd	13	\$90	\$1,170	\$1,800	\$23,400
h	Grace Bible Fellowship	6	\$90	\$540	\$1,800	\$10,800
i	Abundant Life Assembly of God	37	\$90	\$3,330	\$1,800	\$66,600
j	Hillview Bible Chapel	11	\$90	\$990	\$1,800	\$19,800
k	St Andrew Armenian Church	13	\$90	\$1,170	\$1,800	\$23,400
**Note: Capacity increase for Off-Site space leases assumes only 25 percent of parking lot available for lease						
Very Likely Infeasible						
27	Extend parking lot onto the library field (permeable paving)	330	--	--	\$6,480	\$2,138,400
28	Construct a parking deck below the library field	221	--	--	\$45,000	\$9,945,000
29	Add 48 spaces on the library field in an extension to Pacifica Drive	48	--	--	\$10,000	\$480,000
30	Add 47 spaces to the north side of the library field	47	--	--	\$10,000	\$470,000
31	Add parking along south side of Library on north side of the south access	20	--	--	\$10,000	\$200,000
32	Add diagonal parking to east side of Torre Avenue	12	--	--	\$134,167	\$1,610,000
33	Construct new parking stalls behind Community Hall at Sister Cities Grove	16	--	--	\$10,000	\$160,000
34	Alternate story room and program room events	102	--	--	\$0	\$0









## APPENDICIES

APPENDIX A – PARKING SURVEY (TUESDAY OCTOBER 15, 2019)

APPENDIX B – LIBRARY PATRON INTERCEPT SURVEY RESPONSES

APPENDIX C – LIBRARY PATRON OBSERVATIONAL SURVEY RESULTS

APPENDIX D – EMPLOYEE COMMUTER TRAVEL SURVEY RESPONSES

APPENDIX E – PARKING SOLUTIONS CONCEPTUAL LAYOUTS

APPENDIX F – PARKING SOLUTIONS COST ESTIMATE



Parking Study

Location: Cupertino City Library  
City: Cupertino, CA

Date: 10/15/2019  
Day: Tuesday

Area/Zone	Type	Spaces	10:00 AM	10:30 AM	11:00 AM	11:30 AM	12:00 PM	12:30 PM	1:00 PM	1:30 PM	2:00 PM	2:30 PM	3:00 PM	3:30 PM	4:00 PM	4:30 PM	5:00 PM	5:30 PM	6:00 PM	6:30 PM	7:00 PM	7:30 PM	8:00 PM	8:30 PM	9:00 PM	9:30 PM	10:00 PM	10:30 PM
A	"C" Permit 7AM - 3PM	17	16	16	17	17	14	14	17	17	17	17	17	17	17	17	16	14	6	6	11	12	9	9	7	7	5	4
	Regular	35	25	29	29	29	26	26	26	34	34	35	34	34	33	30	31	30	31	31	33	31	25	15	10	8	6	0
	HC	2	1	2	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Mail	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	
	Pool	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	
	Maintenance	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
B	"C" Permit 7AM - 3PM	24	19	19	20	21	20	15	22	24	24	23	24	24	24	24	24	23	22	23	21	17	20	14	5	3	3	2
	Bike Rack	4	2	1	1	1	1	2	2	3	3	2	2	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1
C	4 Min	4	0	0	3	1	2	0	1	3	2	4	2	2	1	3	4	4	3	3	3	2	2	3	3	3	2	1
	HC	5	0	1	3	2	1	2	2	2	5	4	2	3	4	4	4	3	2	1	1	0	0	0	0	0	0	
	EV	4	3	3	2	2	1	1	2	2	4	2	3	3	3	3	4	2	1	1	3	3	2	1	1	1	0	
	"L" Permit 9AM - 3PM	24	21	22	21	21	22	24	22	20	19	20	24	24	24	22	24	23	24	24	19	17	13	12	8	6	6	3
	4 HR 7AM - 5PM	77	41	61	67	66	74	66	62	63	70	77	77	77	77	77	77	74	77	77	68	69	65	55	14	13	13	10
D	4 HR 7AM - 5PM	31	4	6	13	15	17	26	22	19	17	30	31	29	31	30	31	29	31	31	16	15	8	5	4	4	2	2
E	"C" and "L" Permit	12	2	2	2	2	1	2	1	1	1	2	2	3	6	6	6	10	11	12	1	1	1	1	0	0	0	0
F	Regular	29	27	21	24	25	25	25	26	26	27	28	29	27	28	27	29	27	26	24	20	21	18	17	4	4	2	1
G	Regular (2HR)	26	9	14	16	16	16	16	18	14	17	18	20	21	21	20	20	20	23	24	19	18	14	12	9	8	2	1
	"C" Permit	10	10	10	10	10	7	6	7	8	9	10	10	10	10	10	10	10	6	5	9	8	6	6	1	1	0	0
	Red Zone	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0
	Bike Rack	3	4	6	7	6	6	5	5	4	5	7	8	11	10	8	10	10	8	11	5	6	7	5	2	1	0	0
H	"C" Permit 7AM - 5PM	17	11	12	12	12	11	9	9	9	12	14	14	14	15	15	15	14	14	12	11	10	11	11	11	10	10	7
	EV	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	0





# Cupertino Library Travel Survey

Time

Time

02 : 00 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☒ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.5



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☐ Central

☒ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

## Comments:

Also came to charge, from Sunnyvale, said driving is their only way

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# Cupertino Library Travel Survey

Time

Time

02 : 05 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☒ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.08



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☐ Time
- ☒ Other: Errands

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☒ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

Unusual to not have trouble finding parking

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# Cupertino Library Travel Survey

Time

Time

02 : 10 AM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☒ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☒ Other: Read

How long do you plan to be at the library today (hours)?

4.0

What part of Cupertino did you start your journey from?

☐ North

☒ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

☐ Convenience

☐ Cost

☐ Time

☒ Other: No other way

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

☐ None

☐ Carpool

☐ Public Transportation

☒ Walk

☐ Bike/Scooter

☐ Car Service

☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

☒ Yes

☐ No

Comments:

A shuttle would be a waste of money

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# Cupertino Library Travel Survey

Time

Time

02 : 12 AM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☒ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.08



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☐ Central

☒ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☐ Time
- ☒ Other: Errands

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☒ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

---

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# Cupertino Library Travel Survey

Time

Time

02 : 18 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☒ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☒ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

4.0



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☐ Central

☒ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

---

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# Cupertino Library Travel Survey

Time

Time

02 : 20 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☒ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☒ Other: Library Card

How long do you plan to be at the library today (hours)?

0.5



What part of Cupertino did you start your journey from?

☐ North

☒ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☒ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No



Comments:

---

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# Cupertino Library Travel Survey

Time

Time

02 : 20 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☒ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.5



What part of Cupertino did you start your journey from?

☐ North

☒ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

---

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# Cupertino Library Travel Survey

Time

Time

02 : 22 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☒ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☒ Other: Work

How long do you plan to be at the library today (hours)?

3.0



What part of Cupertino did you start your journey from?

☐ North

☒ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☒ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

## Comments:

I would have to walk about 5 miles to get to the library

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# Cupertino Library Travel Survey

Time

Time

02 : 27 AM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☒ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

1

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.25



What part of Cupertino did you start your journey from?

☐ North

☐ South

☒ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☒ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

## Comments:

Many people park in book drop stalls and stay longer than 4 minutes

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# Cupertino Library Travel Survey

Time

Time

02 : 30 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☒ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

1

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.5



What part of Cupertino did you start your journey from?

☐ North

☒ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

.....

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# Cupertino Library Travel Survey

Time

Time

02 : 33 PM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☒ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

1

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.5



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino



What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☐ Time
- ☒ Other: Exercise

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

## Comments:

I would take a shuttle if it was handy/close to my home

This content is neither created nor endorsed by Google.

Google Forms

# Cupertino Library Travel Survey

Time

Time

02 : 35 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☒ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☒ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

2.0



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☐ Central

☒ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

---

This content is neither created nor endorsed by Google.

Google Forms

# Cupertino Library Travel Survey

Time

Time

02 : 38 AM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☒ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service



Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

1.0



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☒ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☒ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

---

This content is neither created nor endorsed by Google.

Google Forms

# Cupertino Library Travel Survey

Time

Time

02 : 41 AM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☒ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☒ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

2.0



What part of Cupertino did you start your journey from?

☐ North

☐ South

☒ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☒ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No



## Comments:

It is rare that I don't have trouble finding parking

This content is neither created nor endorsed by Google.

Google Forms

# Cupertino Library Travel Survey

Time

Time

02 : 43 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☒ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☒ Other: Missionary

How long do you plan to be at the library today (hours)?

2.0

What part of Cupertino did you start your journey from?

☐ North

☐ South

☒ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

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This content is neither created nor endorsed by Google.

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# Cupertino Library Travel Survey

Time

Time

02 : 46 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☒ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☒ Other: Work

How long do you plan to be at the library today (hours)?

3.0

What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☐ Central

☒ Outside of Cupertino

What is the main reason you choose your mode of transportation?

☐ Convenience

☐ Cost

☒ Time

☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

☒ None

☐ Carpool

☐ Public Transportation

☐ Walk

☐ Bike/Scooter

☐ Car Service

☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

☒ Yes

☐ No

## Comments:

I live in Mountain View, and I prefer to take public transit if it is available

This content is neither created nor endorsed by Google.

Google Forms

# Cupertino Library Travel Survey

Time

Time

02 : 51 AM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☒ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☒ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

2.0



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☒ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

## Comments:

I would take a shuttle only if it came near my house and at the times I want to go to the Library

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# Cupertino Library Travel Survey

Time

Time

02 : 53 AM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☒ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☒ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

6.0



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☐ Central

☒ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☐ Time
- ☒ Other: No other option

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

Would love to see a shuttle

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Google Forms

# Cupertino Library Travel Survey

Time

Time

03 : 01 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☒ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.5



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☐ Central

☒ Outside of Cupertino



What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☐ Time
- ☒ Other: Errands

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

## Comments:

I usually have trouble finding parking. I was running errands like picking kids up from school.

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# Cupertino Library Travel Survey

Time

Time

03 : 06 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☒ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☒ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

5.0



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

☐ Convenience

☐ Cost

☐ Time

☒ Other: No other way

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

☒ None

☐ Carpool

☐ Public Transportation

☐ Walk

☐ Bike/Scooter

☐ Car Service

☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

☒ Yes

☐ No

Comments:

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Google Forms

# Cupertino Library Travel Survey

Time

Time

03 : 11 PM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☒ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service



Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

1

2

3

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☒ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

1.0



What part of Cupertino did you start your journey from?

☐ North

☒ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

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# Cupertino Library Travel Survey

Time

Time

03 : 17 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☒ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.25



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☒ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☐ Time
- ☒ Other: Errands

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No



Comments:

I try to come to the library when it isn't busy. During the off peak

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# Cupertino Library Travel Survey

Time

Time

03 : 18 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☒ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☒ Other: Work

How long do you plan to be at the library today (hours)?

2.0

What part of Cupertino did you start your journey from?

☐ North

☒ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

## Comments:

Parked in handicapped parking because I have a bad knee. Usually I have problems finding parking in regular stalls.

---

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# Cupertino Library Travel Survey

Time

Time

03 : 19 AM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☒ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

1

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☒ Other: Read

How long do you plan to be at the library today (hours)?

3.0



What part of Cupertino did you start your journey from?

☐ North

☒ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

☐ Convenience

☐ Cost

☐ Time

☒ Other: Usual mode

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

☐ None

☐ Carpool

☐ Public Transportation

☐ Walk

☐ Bike/Scooter

☐ Car Service

☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

☐ Yes

☒ No

Comments:

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# Cupertino Library Travel Survey

Time

Time

03 : 23 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☒ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☒ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

2.0



What part of Cupertino did you start your journey from?

☐ North

☒ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

I was luck to find a spot

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# Cupertino Library Travel Survey

Time

Time

03 : 28 AM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☒ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.08



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☐ Central

☒ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☒ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

I parked in handicapped, its too far from my home to walk

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Google Forms

# Cupertino Library Travel Survey

Time

Time

03 : 34 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☒ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

1

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.75



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☒ West

☐ Central

☐ Outside of Cupertino



What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☒ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

---

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Google Forms

# Cupertino Library Travel Survey

Time

Time

03 : 37 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☒ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

1

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.25



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☐ Central

☒ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☐ Time
- ☒ Other: Errands

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

I was on my way home from work

This content is neither created nor endorsed by Google.

Google Forms

# Cupertino Library Travel Survey

Time

Time

03 : 59 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service



Where did you park?

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E
- ☒ F
- ☐ G
- ☐ H
- ☐ Other: .....

Did you have trouble finding parking?

- ☒ Yes
- ☐ No

How many people did you travel with to the Library (including yourself)?

- |                                  |                       |                       |                       |                       |                       |                       |                       |                       |                       |
|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1                                | 2                     | 3                     | 4                     | 5                     | 6                     | 7                     | 8                     | 9                     | 10                    |
| <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

3.0



What part of Cupertino did you start your journey from?

☐ North

☒ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

☐ Convenience

☐ Cost

☐ Time

☒ Other: only option

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

☐ None

☐ Carpool

☐ Public Transportation

☐ Walk

☒ Bike/Scooter

☐ Car Service

☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

☒ Yes

☐ No

**Comments:**

We need bike charging stations, we need self driving vehicles to take us to the library, the library should be open until 10 PM, we should get rid of permit only parking, lower price of EV charging.

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# Cupertino Library Travel Survey

Time

Time

04 : 00 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☒ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.25



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☒ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No



Comments:

---

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# Cupertino Library Travel Survey

Time

Time

05 : 33 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☒ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.08



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

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# Cupertino Library Travel Survey

Time

Time

05 : 35 PM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☒ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

1

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☒ Other: Food .....

How long do you plan to be at the library today (hours)?

2.0



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☐ Central

☒ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☒ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

I was dropped off by my Mom

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# Cupertino Library Travel Survey

Time

Time

05 : 38 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E
- ☒ F
- ☐ G
- ☐ H
- ☐ Other: .....

Did you have trouble finding parking?

- ☐ Yes
- ☒ No

How many people did you travel with to the Library (including yourself)?

- |                                  |                       |                       |                       |                       |                       |                       |                       |                       |                       |
|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1                                | 2                     | 3                     | 4                     | 5                     | 6                     | 7                     | 8                     | 9                     | 10                    |
| <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.08



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☐ Central

☒ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☐ Time
- ☒ Other: Errands

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☒ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

I was on the way home from work

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# Cupertino Library Travel Survey

Time

Time

05 : 41 PM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☒ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

1

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

2.0



What part of Cupertino did you start your journey from?

☐ North

☐ South

☒ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

---

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# Cupertino Library Travel Survey

Time

Time

05 : 44 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☒ Other: Southwest of Library

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

1

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What is the main purpose of your visit to the library?

- ☒ Check-Out or Return Materials
- ☐ Scheduled Event
- ☐ Study
- ☐ Other: .....

How long do you plan to be at the library today (hours)?

0.5



What part of Cupertino did you start your journey from?

- ☒ North
- ☐ South
- ☐ East
- ☐ West
- ☐ Central
- ☐ Outside of Cupertino



What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

I would depend on where and when the shuttle runs if I rode it

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# Cupertino Library Travel Survey

Time

Time

05 : 45 PM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☒ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

1

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☒ Other: Internet

How long do you plan to be at the library today (hours)?

1.0

What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

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# Cupertino Library Travel Survey

Time

Time

05 : 47 AM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☒ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service



Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.5



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☐ No

Comments:

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# Cupertino Library Travel Survey

Time

Time

05 : 48 PM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☒ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☒ Other: Play

How long do you plan to be at the library today (hours)?

0.25



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

☐ Convenience

☐ Cost

☒ Time

☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

☐ None

☐ Carpool

☐ Public Transportation

☐ Walk

☐ Bike/Scooter

☐ Car Service

☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

☐ Yes

☒ No



Comments:

I live really close

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# Cupertino Library Travel Survey

Time

Time

05 : 51 PM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☒ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

1

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3

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☒ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

3.0



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☐ No

## Comments:

You should work out a shared parking agreement with the Condos just north of here.

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# Cupertino Library Travel Survey

Time

Time

05 : 54 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☒ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.5



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☒ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☒ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

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# Cupertino Library Travel Survey

Time

Time

05 : 59 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☒ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.08



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☐ Central

☒ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☒ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

**Comments:**

When I come to the Library I have so much stuff it makes taking public transportation or walking very hard.  
Came from West San Jose. When I want to stay a long time it is hard to find parking.

---

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# Cupertino Library Travel Survey

Time

Time

06 : 00 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☒ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.25



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☐ Time
- ☒ Other: no other option

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

---

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# Cupertino Library Travel Survey

Time

Time

06 : 04 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☒ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.08



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino



What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☐ Time
- ☒ Other: Errands

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☒ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

We were coming from eating. It would be a really far bike ride.

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Google Forms

# Cupertino Library Travel Survey

Time

Time

06 : 05 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☒ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☒ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

1.0



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

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# Cupertino Library Travel Survey

Time

Time

06 : 07 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service



Where did you park?

☐ A

☐ B

☐ C

☒ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☒ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

3.0



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☒ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☒ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

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# Cupertino Library Travel Survey

Time

Time

06 : 10 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☒ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☒ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

1.0



What part of Cupertino did you start your journey from?

☐ North

☒ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No



Comments:

from Saratoga

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# Cupertino Library Travel Survey

Time

Time

06 : 15 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☒ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.25



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

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# Cupertino Library Travel Survey

Time

Time

06 : 19 PM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☒ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

1

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☒ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

1.0



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

☐ Convenience

☐ Cost

☐ Time

☒ Other: Avoid Parking

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

☐ None

☐ Carpool

☐ Public Transportation

☒ Walk

☐ Bike/Scooter

☐ Car Service

☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

☒ Yes

☐ No

Comments:

---

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# Cupertino Library Travel Survey

Time

Time

06 : 21 PM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☐ Walk
- ☒ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

1.0



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☒ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☒ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

---

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# Cupertino Library Travel Survey

Time

Time

06 : 25 PM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☐ Walk
- ☒ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

1

2

3

4

5

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☒ Other: Work

How long do you plan to be at the library today (hours)?

5.0



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☐ Central

☒ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☐ Time
- ☒ Other: not enough parking

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

Monte Vista

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# Cupertino Library Travel Survey

Time

Time

06 : 30 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☒ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.5



What part of Cupertino did you start your journey from?

☐ North

☒ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino



What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☐ Time
- ☒ Other: Only option

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

---

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# Cupertino Library Travel Survey

Time

Time

06 : 32 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

1.0



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☒ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☐ Time
- ☒ Other: Only option

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☒ Yes
- ☐ No

Comments:

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# Cupertino Library Travel Survey

Time

Time

06 : 38 PM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☒ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service



Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.5



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☒ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

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# Cupertino Library Travel Survey

Time

Time

06 : 43 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☒ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.25



What part of Cupertino did you start your journey from?

☒ North

☐ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No



Comments:

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# Cupertino Library Travel Survey

Time

Time

06 : 52 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☒ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

0.5



What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☒ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

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# Cupertino Library Travel Survey

Time

Time

06 : 55 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☒ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☒ Other: Job Seeking

How long do you plan to be at the library today (hours)?

2.0

What part of Cupertino did you start your journey from?

☐ North

☐ South

☐ East

☐ West

☐ Central

☒ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

## Comments:

I chose to come to this library because they have better hours than other libraries closer to me.

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# Cupertino Library Travel Survey

Time

Time

07 : 00 PM ▼

How did you get to the Library?

- ☐ Vehicle
- ☐ Bus
- ☒ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

1

2

3

4

5

6

7

8

9

10



What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

1.0



What part of Cupertino did you start your journey from?

☐ North

☒ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

---

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# Cupertino Library Travel Survey

Time

Time

07 : 15 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☐ E

☒ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

1

2

3

4

5

6

7

8

9

10

☐

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☒ Other: City Council

How long do you plan to be at the library today (hours)?

1.0



What part of Cupertino did you start your journey from?

☐ North

☐ South

☒ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

---

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# Cupertino Library Travel Survey

Time

Time

07 : 22 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☒ C

☐ D

☐ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☐ Yes

☒ No

How many people did you travel with to the Library (including yourself)?

1

2

3

4

5

6

7

8

9

10

☐

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What is the main purpose of your visit to the library?

☐ Check-Out or Return Materials

☒ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

1.0



What part of Cupertino did you start your journey from?

☐ North

☐ South

☒ East

☐ West

☐ Central

☐ Outside of Cupertino



What is the main reason you choose your mode of transportation?

- ☐ Convenience
- ☐ Cost
- ☒ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☐ None
- ☐ Carpool
- ☐ Public Transportation
- ☒ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

A shuttle would be nice if it came to my house right when I wanted to go to the library.

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# Cupertino Library Travel Survey

Time

Time

07 : 30 PM ▼

How did you get to the Library?

- ☒ Vehicle
- ☐ Bus
- ☐ Walk
- ☐ Bike/Scooter
- ☐ On-Demand Car Service

Where did you park?

☐ A

☐ B

☐ C

☐ D

☒ E

☐ F

☐ G

☐ H

☐ Other: .....

Did you have trouble finding parking?

☒ Yes

☐ No

How many people did you travel with to the Library (including yourself)?

1

2

3

4

5

6

7

8

9

10

☐

☒

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☐

☐

☐

☐

☐

☐

☐

What is the main purpose of your visit to the library?

☒ Check-Out or Return Materials

☐ Scheduled Event

☐ Study

☐ Other: .....

How long do you plan to be at the library today (hours)?

1.0



What part of Cupertino did you start your journey from?

☐ North

☒ South

☐ East

☐ West

☐ Central

☐ Outside of Cupertino

What is the main reason you choose your mode of transportation?

- ☒ Convenience
- ☐ Cost
- ☐ Time
- ☐ Other: .....

Excluding a personal vehicle, what other transportation would you choose to travel to the library?

- ☒ None
- ☐ Carpool
- ☐ Public Transportation
- ☐ Walk
- ☐ Bike/Scooter
- ☐ Car Service
- ☐ VIA Shuttle

If there was a no cost option to travel to the Library within the City limits, would you take it?

- ☐ Yes
- ☒ No

Comments:

---

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## ATTACHMENT B

Time	Location	Group #	Parents	Children	Total	Mode of Transportation	Originating From?	Notes
2:00-2:15 PM	West of Library Entrance	1	1	0	1	Car	Adjacent to library on Torre Ave	
		2	1	0	1	Car?	North Torre Ave	
		3	1	0	1	Car?	North Torre Ave	
		4	1	0	1	Walk	North Torre Ave	
		5	1	0	1	Walk	South Torre Ave	
		6	1	1	2	Car	Torre Ave	
2:15-2:30 PM	East of Library Entrance	1	1	2	3	Car	Area C	Noted many cars driving around slowly to try to find parking
		2	1	0	1	Car	Area C	
		3	1	2	3	Car	Area D	
		4	1	0	1	Car	Area D	
		5	1	0	1	Car	Area C	
		6	1	1	2	Car	Area D	
		7	1	0	1	Car	Area C	Drop off book
		8	1	0	1	Car	Area C	
		9	1	0	1	Car	Area C	
		10	1	0	1	Car	Area C	
		11	1	0	1	Car	Area D	
		12	1	0	1	Car	Area C	
		13	1	0	1	Car	Area D	
		14	1	1	2	Car	Area C	
		15	1	1	2	Car	Area C	
		16	1	0	1	Car	Area C	
		17	1	0	1	Car	Area C	
		18	2	0	2	Car	Area C	
2:30-2:45 PM	West of Library Entrance	1	1	0	1	Car	South Torre Ave (On-Street adjacent to library)	
		2	1	0	1	Car	Torre Ave (20 min parking)	
		3	0	1	1	Scooter	North Torre Ave	
		4	0	1	1	Bike	North Torre Ave	
		5	1	0	1	Walk	South Torre Ave	
		6	1	0	1	Walk	South Torre Ave	
		7	1	0	1	Walk	South Torre Ave	
		8	1	0	1	Walk	North Torre Ave	
		9	1	0	1	Walk	South Torre Ave	
		10	2	1	3	Walk	Residential to the west of Torre Ave	
2:45-3:00 PM	East of Library Entrance	1	1	0	1	Car	Area D	
		2	1	0	1	Car	Area D	
		3	1	0	1	Car	Area D	
		4	1	0	1	Car	Area C	
		5	1	0	1	Car	Area C	
		6	1	1	2	Car	Area D	
		7	1	0	1	Car	Area C - Drop Off (did not park)	
		8	1	0	1	Car	Area C (EV Parking)	
		9	1	1	2	Car	Area D	
		10	1	0	1	Car	Area C	
		11	1	0	1	Car	Area C - Drop Off (did not park)	
		12	1	2	3	Car	Area C	
		13	1	2	3	Car	Area C	
		14	1	0	1	Car	Area C	
		15	1	0	1	Car	Area C	
		16	1	0	1	Car	Area C	
		17	1	0	1	Car	Area C	
		18	1	0	1	Car	Area C	
		19	1	0	1	Car	Area C	
		20	1	0	1	Car	Area C	
		21	1	0	1	Car	Area C	
		22	1	0	1	Car	Area D	
		23	1	0	1	Car	Area C	
		24	2	0	2	Car	Area C	
		25	2	1	3	Car	Area D	
3:00-3:15 PM	West of Library Entrance	1	1	0	1	Walk	Residential to the west of Torre Ave	
		2	1	0	1	Walk	North Torre Ave	
		3	1	0	1	Walk	North Torre Ave	
		4	1	1	2	Walk	South Torre Ave	
		5	1	0	1	Walk	North Torre Ave	
		6	1	0	1	Walk	Residential to the west of Torre Ave	
		7	1	0	1	Car	Parked on-street near library entrance	
		8	1	2	3	Car	South Torre Ave	
		9	0	1	1	Car - Drop off	Drop off near red curb	
		10	0	1	1	Car - Drop off	Drop off near red curb	
3:15-3:30 PM	East of Library Entrance	11	0	1	1	Bike	South Torre Ave	
		1	1	0	1	Car	Area C	
		2	1	0	1	Car	Area C	
		3	1	1	2	Car	Area D	
		4	1	1	2	Car	Area D	
		5	1	1	2	Car	Area D	
		6	2	0	2	Car	Area C	
		7	1	0	1	Car	Area D	
		8	1	0	1	Car	Area C	
		9	1	0	1	Car	Area C	Book Drop-off
		10	1	0	1	Car	Area D	
		11	1	0	1	Car	Area D	
		12	1	3	4	Car	Area D	
		13	1	2	3	Car	Area C	
		14	1	0	1	Car	Area C	Book Drop-off
		15	1	1	2	Car	Area D	
		16	1	1	2	Car	Area D	
		17	1	0	1	Car	Area C	Parked in Accessible
		18	1	0	1	Car	Area C	Parked in EV
		19	1	0	1	Car	Area C	
		20	1	0	1	Car	Area D	
		21	1	0	1	Car	Area C	Book Drop-off
		22	1	0	1	Car	Area C	Book Drop-off
		23	1	0	1	Car	Area C	
		24	1	1	2	Car	Area C	
		25	1	0	1	Car	Area C	
		26	0	1	1	Car - Drop off	Area C	

Time	Location	Group #	Parents	Children	Total	Mode of Transportation	Originating From?	Notes
3:30-3:45 PM	West of Library Entrance	1	1	1	2	Walk	North Torre Ave	
		2	1	0	1	Walk	Residential to the west of Torre Ave	
		3	1	0	1	Walk	Residential to the west of Torre Ave	
		4	1	0	1	Car	South Torre Ave	
		5	1	1	2	Car	On-street near library entrance	
		6	1	0	1	Car	North Torre Ave	
3:45-4:00 PM	East of Library Entrance	1	1	0	1	Walk	South of Area D	
		2	3	0	3	Walk	From Area A	
		3	1	0	1	Car	Area C	
		4	1	1	2	Car	Area C	
		5	1	0	1	Car	Area C	
		6	2	0	2	Car	Area D	
		7	1	0	1	Car	Area C	
		8	1	0	1	Car	Area D	
		9	1	0	1	Car	Area C	
		10	1	0	1	Car	Area D	
		11	2	0	2	Car	Area C	
		12	1	0	1	Car	Area C	
		13	1	0	1	Car	Area C	
		14	1	0	1	Car	Area C	
		15	1	0	1	Car	Area C	
		16	1	0	1	Car	Area C	
		17	1	3	4	Car	Area D	
		18	1	0	1	Car	Area C	
		19	1	0	1	Car	Area C	
		20	1	0	1	Car	Area C	
		21	1	0	1	Car	Area D	
		22	1	0	1	Car	Area C	
		23	1	0	1	Car	Area D	
		24	0	1	1	Car - Drop off	Area C	
		25	1	0	1	Car - Drop off	Area C	

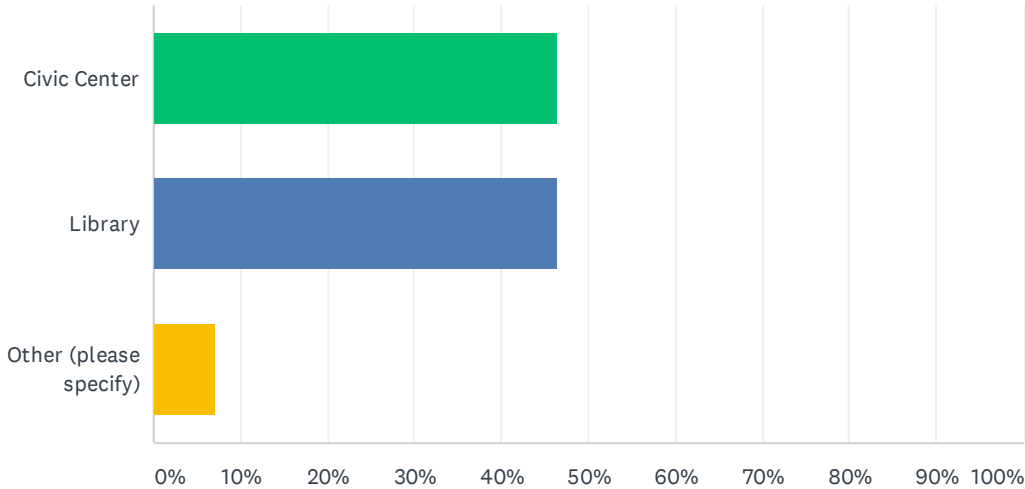
Time	Location	Group #	Parents	Children	Total	Mode of Transportation	Originating From?	Notes
5:30-5:45 PM	East of Library Entrance	1	1	1	2	Car	Area C	Some people going to the park, south of the library, may park in the parking lot. Noticed one person doing this
		2	1	1	2	Car	Area D	
		3	1	0	1	Car	Area C	
		4	1	0	1	Car	Area C	
		5	1	0	1	Car	Area C	
		6	3	0	3	Car	Area C	
		7	2	0	2	Car	Area C	
		8	1	0	1	Car	Area C	
		9	1	3	4	Car	Area C	
		10	1	0	1	Car	Area C	
		11	1	0	1	Car	Area C	
		12	1	2	3	Car	Area C	
		13	1	0	1	Car	Area C	
		14	1	0	1	Car	Area C	
		15	1	0	1	Car	Area C	
		16	1	0	1	Car	Area C	
		17	1	0	1	Car	Area B	
		18	1	0	1	Car	Area C	Book Drop-Off
		19	1	0	1	Car	Area C	
		20	0	2	2	Car - Drop off	Area C	
		21	1	0	1	Car - Drop off	Area C	
		22	0	1	1	Car - Drop off	Area C	
5:45-6:00 PM	West of Library Entrance	1	1	1	2	Walk	Residential to the west of Torre Ave	
		2	1	0	1	Walk	Residential to the west of Torre Ave	
		3	0	2	2	Walk	South Torre Ave	
		4	1	0	1	Walk	North Torre Ave	
		5	1	1	2	Walk	North Torre Ave	
		6	1	0	1	Car	Parked on-street near the library entrance (20-min parking)	
		7	1	0	1	Car	Parked on-street near the library entrance	
		8	1	0	1	Car	Parked on-street near the library entrance	
		9	2	1	3	Car	South Torre Ave	
		10	1	1	2	Car	Parked on-street near the library entrance	
		11	0	1	1	Car - Drop off	Drop-off near library entrance	
		12	1	0	1	Bike	South Torre Ave	
6:00-6:15 PM	East of Library Entrance	1	1	3	4	Car	Area C	
		2	1	0	1	Car	Area C	
		3	1	0	1	Car	Area D	
		4	1	2	3	Car	Area C	
		5	1	0	1	Car	Area B	
		6	1	0	1	Car	Area C	
		7	1	0	1	Car	Area D	
		8	1	0	1	Car	Area C	
		9	1	1	2	Car	Area C	
		10	1	1	2	Car	Area C	
		11	1	0	1	Car	Area C	
		12	1	0	1	Car	Area C	
		13	1	0	1	Car	Area B	
		14	1	0	1	Car	Area C	
		15	1	1	2	Car	Area C	
		16	1	0	1	Car	Area C	
		17	1	0	1	Car	Area C	
		18	1	0	1	Car	Area C	
		19	1	1	2	Car	Area C	
		20	1	0	1	Car	Area C	
		21	1	0	1	Car	Area C	
		22	1	0	1	Car	Area C	
6:15-6:30 PM	West of Library Entrance	23	0	1	1	Car - Drop off	Drop off in Area C near entrance	
		24	0	1	1	Car - Drop off	Drop off in Area C near entrance	
		25	0	1	1	Car - Drop off	Drop off in Area C near entrance	
		26	0	3	3	Car - Drop off	Drop off in Area C near entrance	
		1	1	0	1	Walk	Residential to the west of Torre Ave	
		2	1	2	3	Walk	North Torre Ave	
		3	1	1	2	Car	Parked on-street near the library entrance	
		4	1	0	1	Car	North Torre Ave	
6:30-6:45 PM	East of Library Entrance	5	1	1	2	Car	North Torre Ave	
		6	1	0	1	Car	Parked on-street near the library entrance	
		7	1	1	2	Bike	North Torre Ave	
		8	1	0	1	Bike	North Torre Ave	
		9	2	0	2	Bike or Car?	South Torre Ave	
		1	1	0	1	Car	Area C	Book Drop-off
		2	1	0	1	Car	Area C	Book Drop-off
		3	1	0	1	Car	Area C	Book Drop-off
		4	1	0	1	Car	Area D	
		5	1	1	2	Car	Area D	
		6	1	0	1	Car	Area D	
		7	1	0	1	Car	Area D	
		8	2	2	4	Car	Area C	
		9	1	1	2	Car	Area C	Book Drop-off
		10	1	0	1	Car	Area C	Book Drop-off
		11	1	1	2	Car	Area D	
		12	1	0	1	Car	Area C	
		13	1	0	1	Car	Area C	
		14	1	0	1	Car	Area C	
		15	1	0	1	Car	Area C	
		16	3	0	3	Car	Area B	
		17	2	0	2	Car	Area D	
		18	1	0	1	Car	Area C	
		19	1	0	1	Car	Area C	Book Drop-off
		20	1	1	2	Car	Area C	
		21	1	0	1	Car	Area C	
		22	0	2	2	Car - Drop off	Drop off in Area C near entrance	
		23	0	1	1	Car - Drop off	Drop off in Area C near entrance	
		24	0	1	1	Car - Drop off	Drop off in Area C near entrance	

Time	Location	Group #	Parents	Children	Total	Mode of Transportation	Originating From?	Notes
6:45-7:00 PM	West of Library Entrance	1	3	0	3	Walk	Residential to the west of Torre Ave	
		2	2	0	2	Walk	Residential to the west of Torre Ave	
		3	1	0	1	Walk	Residential to the west of Torre Ave	
		4	1	0	1	Walk	North Torre Ave	
		5	1	0	1	Car	South Torre Ave	
		6	1	0	1	Car	Parked on-street near entrance	
		7	1	0	1	Car	South Torre Ave	
		8	1	0	1	Car - Drop off	Drop off near Library entrance	
		9	1	0	1	Car - Drop off	Drop off near Library entrance	
		10	1	0	1	Bike	South Torre Ave	
7:00-7:15 PM	East of Library Entrance	1	1	0	1	Car	Area C	
		2	3	2	5	Car	Area C	
		3	1	0	1	Car	Area D	
		4	2	1	3	Car	Area C	
		5	1	0	1	Car	Area C	Book Drop-off
		6	1	1	2	Car	Area C	
		7	1	0	1	Car	Area C	
		8	1	0	1	Car	Area C	
		9	1	0	1	Car	Area C	
		10	1	0	1	Car	Area C	
		11	1	1	2	Car	Area C	
		12	3	1	4	Car	Area D	
		13	1	2	3	Car	Area D	
		14	2	1	3	Car	Area C	
		15	2	2	4	Car	Area C	
		16	2	1	3	Car	Area C	
		17	1	0	1	Car	Area C	
		18	1	2	3	Car	Area C	
		19	1	2	3	Car	Area C	Book Drop-off
		20	1	0	1	Car	Area C	Book Drop-off
		21	1	1	2	Car	Area C	Book Drop-off
		22	1	1	2	Bike	Area D	Arriving from the south end of the parking lot
7:15-7:30 PM	West of Library Entrance	1	1	0	1	Car	South Torre Ave	
		2	1	0	1	Car	South Torre Ave	
		3	1	0	1	Car	Parked on-street near entrance	
		4	1	0	1	Car	North Torre Ave	



Q1 Where do you work?

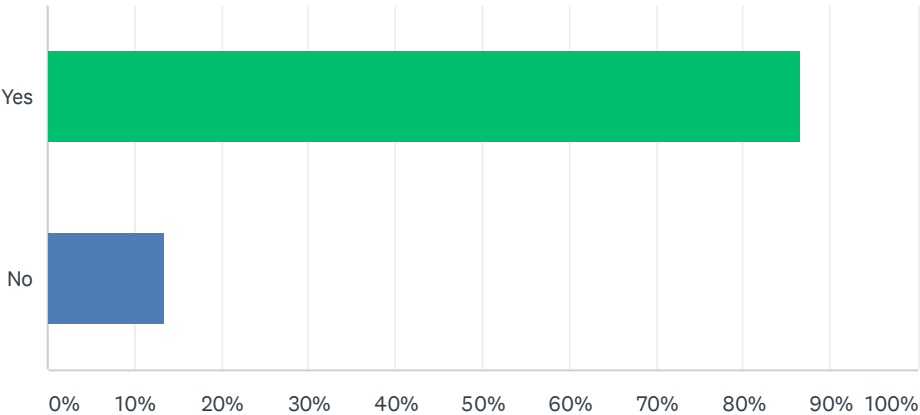
Answered: 97    Skipped: 0



ANSWER CHOICES	RESPONSES	
Civic Center	46.39%	45
Library	46.39%	45
Other (please specify)	7.22%	7
TOTAL		97

Q2 Is driving alone in a personal vehicle your primary method of commuting to work?

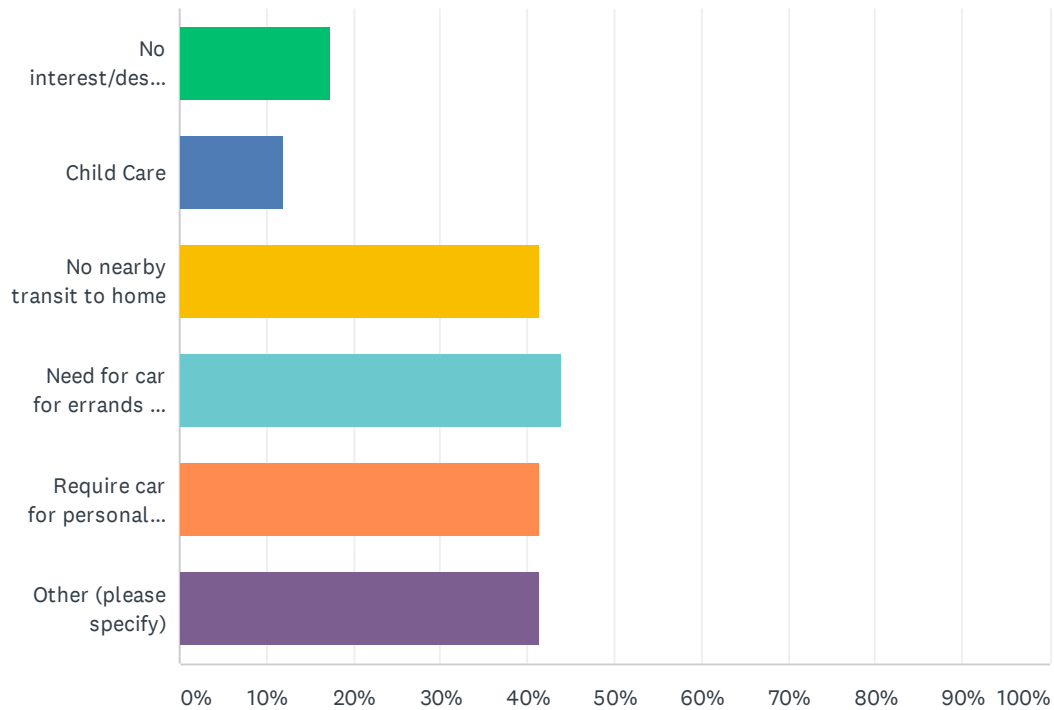
Answered: 97    Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	86.60%	84
No	13.40%	13
TOTAL		97

### Q3 What are the obstacles preventing you from commuting by other means? (Please check all that apply)

Answered: 75   Skipped: 22

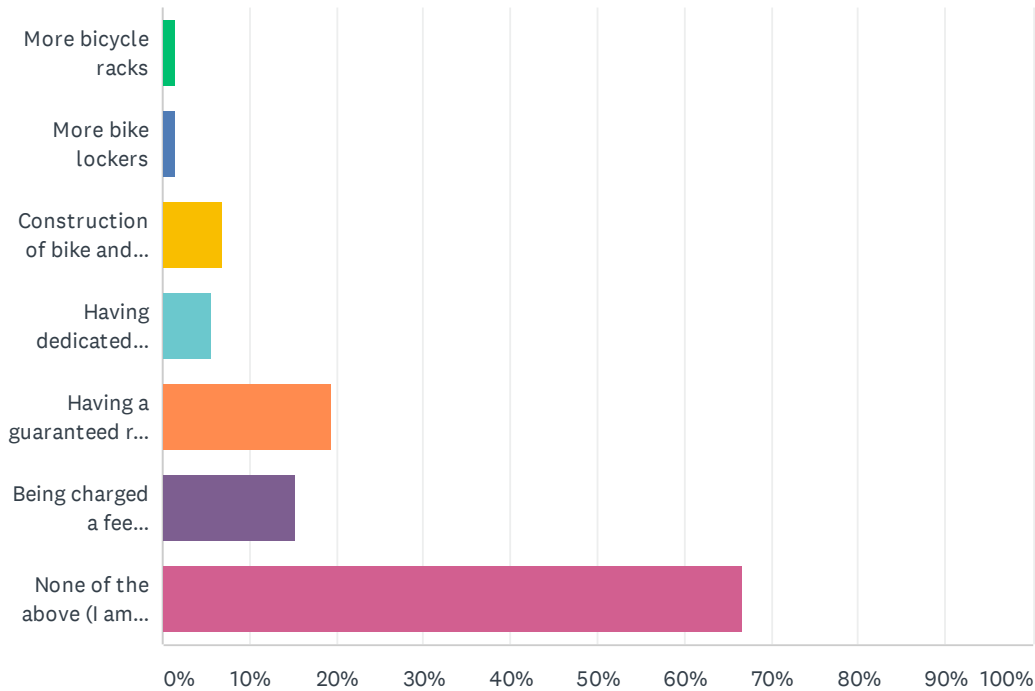


ANSWER CHOICES	RESPONSES	
No interest/desire	17.33%	13
Child Care	12.00%	9
No nearby transit to home	41.33%	31
Need for car for errands or work throughout the day	44.00%	33
Require car for personal commitments after work	41.33%	31
Other (please specify)	41.33%	31
Total Respondents: 75		



## Q4 What changes, if any, of the following would cause you to use alternate means of commuting to work other than driving alone. (Please check all that apply)

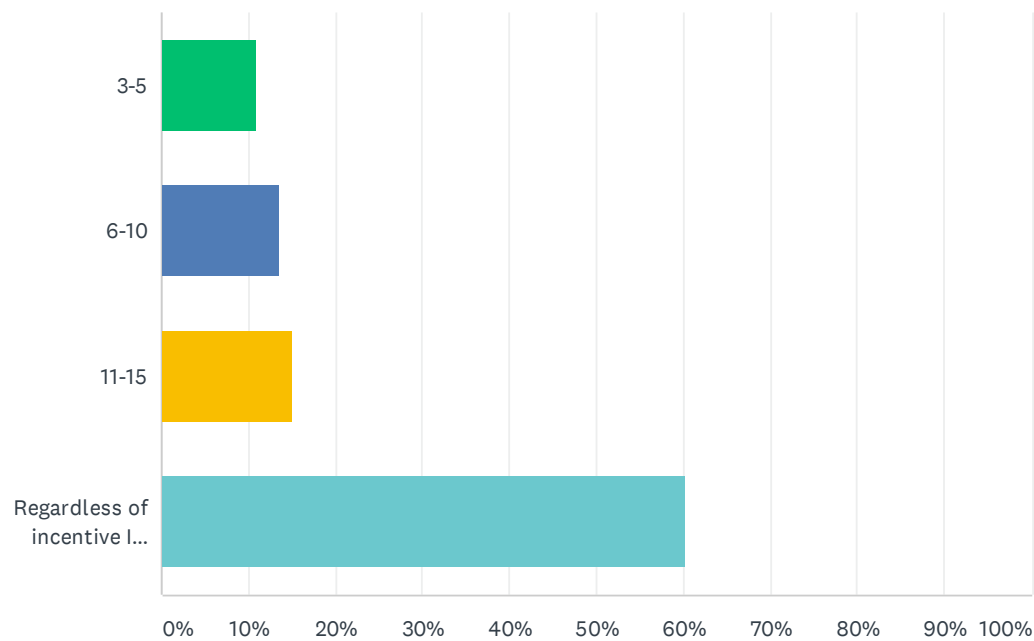
Answered: 72 Skipped: 25



ANSWER CHOICES	RESPONSES	
More bicycle racks	1.39%	1
More bike lockers	1.39%	1
Construction of bike and pedestrian facilities along Regnart Creek and McClellan Road	6.94%	5
Having dedicated carpool/vanpool parking spaces nearest the building entrance	5.56%	4
Having a guaranteed ride home program (e.g. taxi voucher when emergency arises)	19.44%	14
Being charged a fee (approximately \$3 a day) to park in the parking lot	15.28%	11
None of the above (I am unable to use alternate mans other than driving alone)	66.67%	48
Total Respondents: 72		

Q5 Please quantify (in \$USD) the minimum daily incentive that would result in you choosing to use transit (bus, VIA shuttle) to commute to work? (i.e. you are reimbursed \$3 per day to ride transit instead of drive to/from work)

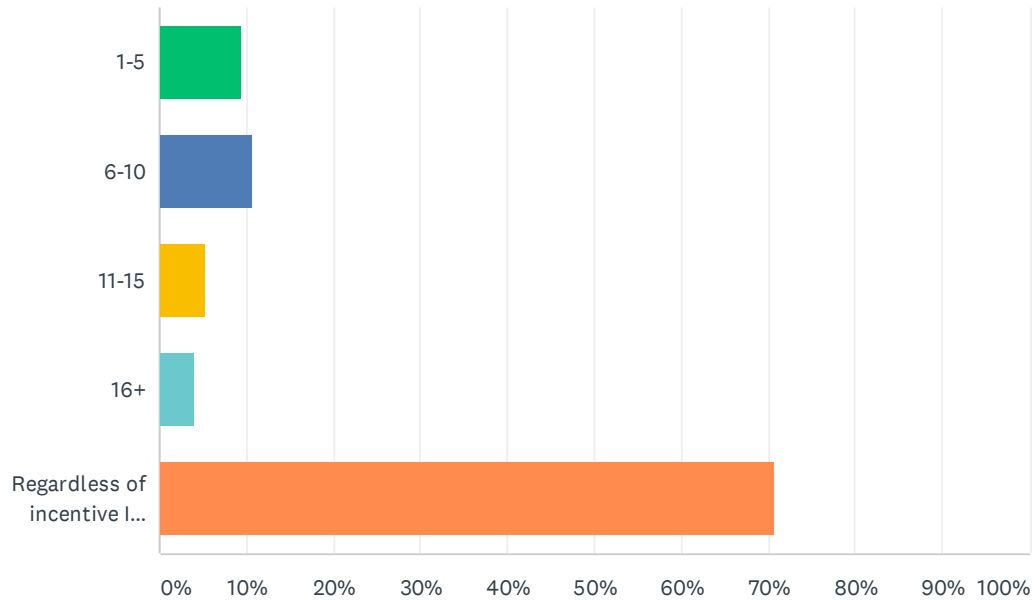
Answered: 73    Skipped: 24



ANSWER CHOICES	RESPONSES	
3-5	10.96%	8
6-10	13.70%	10
11-15	15.07%	11
Regardless of incentive I would not use transit to commute to work	60.27%	44
TOTAL		73

**Q6 Please quantify (in \$USD) in the minimum daily incentive that would result in you choosing to bike or walk to/from work? (i.e. You are paid \$3 per day for walking to work)**

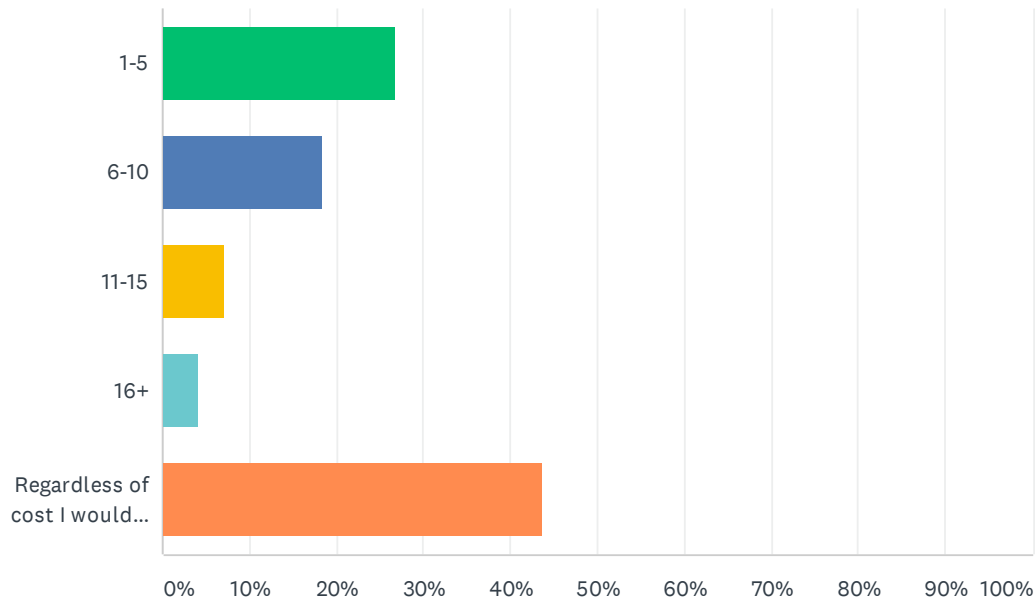
Answered: 75   Skipped: 22



ANSWER CHOICES	RESPONSES	
1-5	9.33%	7
6-10	10.67%	8
11-15	5.33%	4
16+	4.00%	3
Regardless of incentive I would not bike/walk to work	70.67%	53
TOTAL		75

**Q7 Please quantify (in \$USD) the minimum daily parking fee that would result in you choosing to NOT drive alone to/from work. (i.e. A daily parking fee of \$15 per day would result in you finding another way to/from work)**

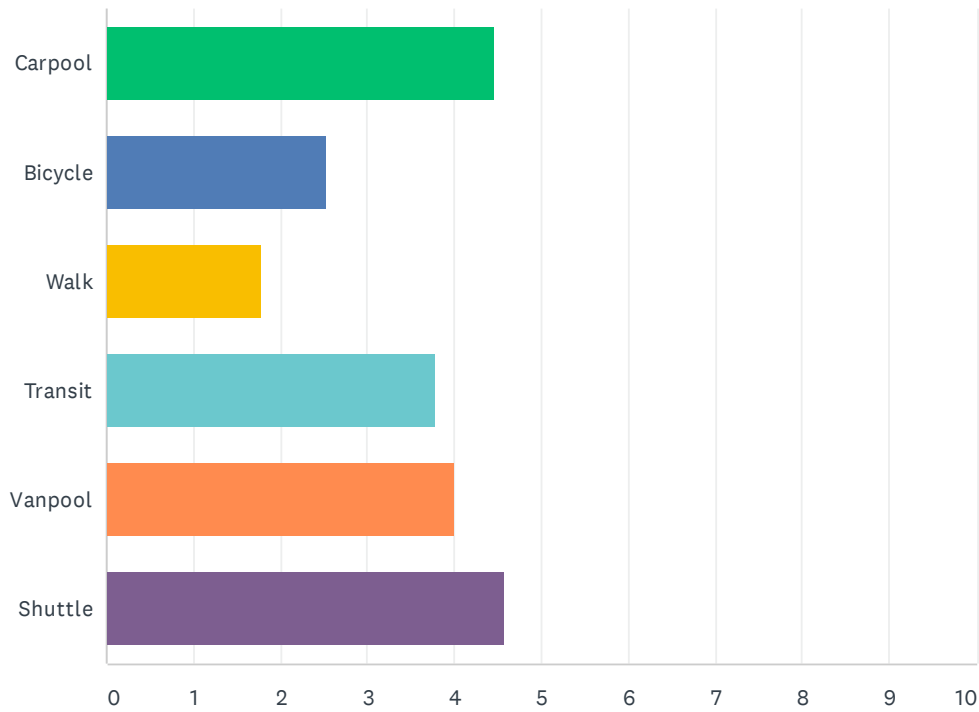
Answered: 71   Skipped: 26



ANSWER CHOICES	RESPONSES	
1-5	26.76%	19
6-10	18.31%	13
11-15	7.04%	5
16+	4.23%	3
Regardless of cost I would still drive alone to/from work	43.66%	31
TOTAL		71

## Q8 Please rank the alternative commute methods below in order of preference with the most preferred mode at the top.

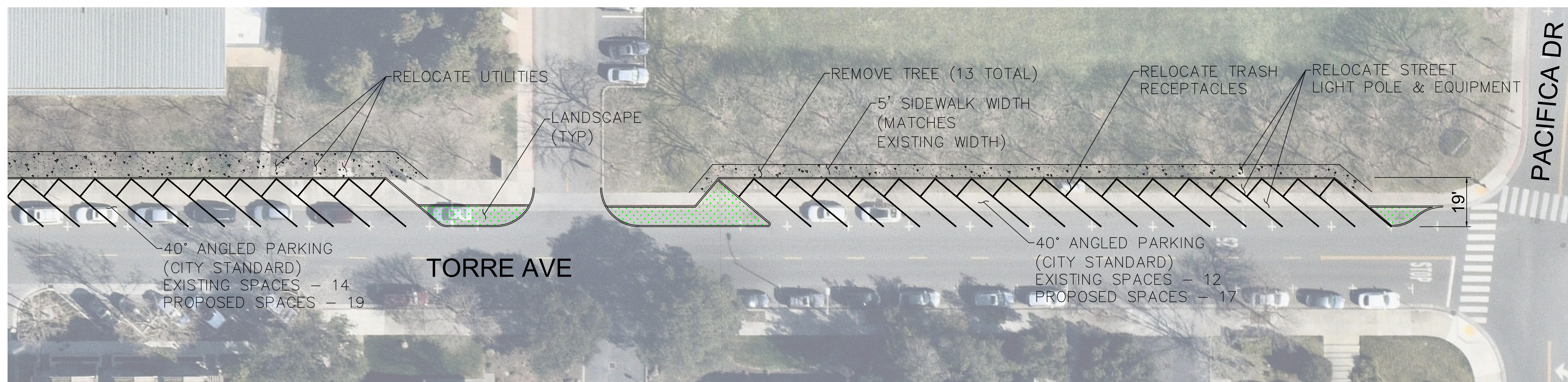
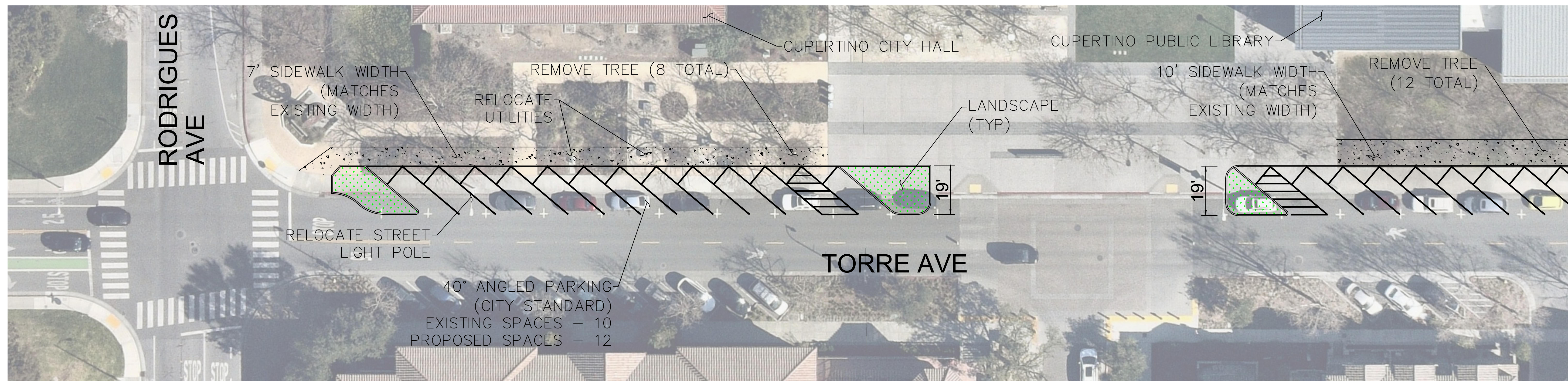
Answered: 68    Skipped: 29



	1	2	3	4	5	6	TOTAL	SCORE
Carpool	36.92% 24	12.31% 8	18.46% 12	23.08% 15	9.23% 6	0.00% 0	65	4.45
Bicycle	7.81% 5	10.94% 7	1.56% 1	4.69% 3	56.25% 36	18.75% 12	64	2.53
Walk	8.06% 5	3.23% 2	1.61% 1	3.23% 2	12.90% 8	70.97% 44	62	1.77
Transit	10.77% 7	16.92% 11	27.69% 18	33.85% 22	6.15% 4	4.62% 3	65	3.78
Vanpool	6.25% 4	35.94% 23	26.56% 17	17.19% 11	10.94% 7	3.13% 2	64	4.00
Shuttle	33.85% 22	21.54% 14	23.08% 15	15.38% 10	3.08% 2	3.08% 2	65	4.58



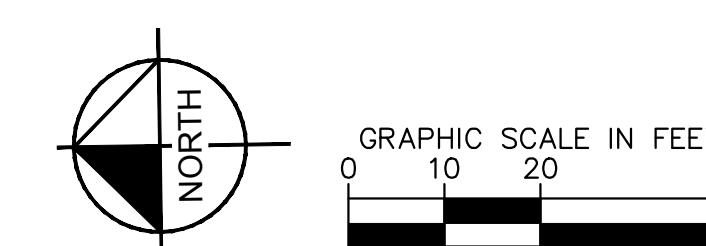




EXISTING PARKING SPACES TO BE REMOVED: 36 SPACES  
 PROPOSED PARKING SPACES: 48 SPACES  
 NET INCREASE IN PARKING CAPACITY: + 12 SPACES

# CITY OF CUPERTINO TORRE AVENUE ANGLED PARKING EXHIBIT

MARCH 2020











# Cupertino Library Expansion Parking Study

## Estimate of Conceptual Project Costs

### Drop-Off Exhibit



Date Prepared: March 27, 2020

Item	Unit	Quantity	Unit Cost	Extended Cost	Notes
1 Roadway Excavation	CY	300	\$350.00	\$105,000	
2 Remove Tree	EA	9	\$1,500.00	\$13,500	
3 Minor Concrete (Curb)	LF	500	\$50.00	\$25,000	
4 Minor Concrete (Curb Ramp)	EA	5	\$8,000.00	\$40,000	
5 Minor Concrete (Sidewalk)	SF	2,815	\$20.00	\$56,300	
6 Minor Concrete (Bus Pad)	SF	935	\$30.00	\$28,100	
7 HMA (Type A)	TON	100	\$325.00	\$32,500	Assumed 4" HMA/12" AB Lane Section
8 Class II Aggregate Base	CY	150	\$350.00	\$52,500	Assumed 4" HMA/12" AB Lane Section
9 Landscaping	SF	375	\$20.00	\$7,500	
10 Signing & Striping	LS	1	\$2,000.00	\$2,000	
<b>SUB-TOTAL MAJOR CONSTRUCTION ITEMS</b>				<b>\$362,400</b>	
Utility Relocations/Adjustments	% of sub-total major construction items		4.0%	\$14,500	Per Street View, Minimal Utility Conflicts
Erosion Control	% of sub-total major construction items		2.0%	\$7,300	Isolated & Specific Area to Control
Drainage	% of sub-total major construction items		8.0%	\$29,000	Assume 2 Inlets & Piping to Network
Traffic Control / Detour	% of sub-total major construction items		12.0%	\$43,500	Standard Percentage
Mobilization	% of sub-total major construction items		10.0%	\$36,300	Standard Percentage
Lighting	% of sub-total major construction items		5.0%	\$18,200	Standard Percentage
<b>SUB-TOTAL CONSTRUCTION COSTS</b>				<b>\$511,200</b>	
Design Engineering	% of sub-total construction costs		12.0%	\$61,344	Standard Percentage
Construction Management/Materials Testing	% of sub-total construction costs		12.0%	\$61,344	Standard Percentage
<b>SUB-TOTAL DESIGN AND PROJECT ADMIN</b>				<b>\$122,688</b>	
<b>SUB-TOTAL</b>				<b>\$633,888</b>	
Contingency (30%)	% of sub-total		30.0%	\$190,200	
<b>Total Project Cost Estimate</b>				<b>\$830,000</b>	
Opinion of Probable Construction Costs					
<p>The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.</p>					

# Cupertino Library Expansion Parking Study

## Estimate of Conceptual Project Costs Angled Parking Exhibit



Date Prepared: March 27, 2020

Item	Unit	Quantity	Unit Cost	Extended Cost	Notes
1 Roadway Excavation	CY	850	\$175.00	\$148,700	
2 Remove Tree	EA	33	\$1,500.00	\$49,500	
3 Minor Concrete (Curb)	LF	1,250	\$50.00	\$62,500	
4 Minor Concrete (Curb Ramp)	EA	2	\$8,000.00	\$16,000	
5 Minor Concrete (Sidewalk)	SF	5,500	\$25.00	\$137,500	
6 HMA (Type A)	TON	400	\$275.00	\$110,000	Assumed 4" HMA/8" AB Parking Section
7 Class II Aggregate Base	CY	340	\$250.00	\$85,000	Assumed 4" HMA/8" AB Parking Section
8 Landscaping	SF	1,850	\$20.00	\$37,000	
9 Signing & Striping	LS	1	\$7,500.00	\$7,500	
<b>SUB-TOTAL MAJOR CONSTRUCTION ITEMS</b>				<b>\$653,700</b>	
Utility Relocations/Adjustments	% of sub-total major construction items		10.0%	\$65,400	Per Street View, Many Utility Conflicts
Erosion Control	% of sub-total major construction items		5.0%	\$32,700	Longer Corridor Length to Control
Drainage	% of sub-total major construction items		10.0%	\$65,400	Assume Valley Gutter Design, Inlets & Piping
Traffic Control / Detour	% of sub-total major construction items		12.0%	\$78,500	Standard Percentage
Mobilization	% of sub-total major construction items		10.0%	\$65,400	Standard Percentage
Lighting	% of sub-total major construction items		5.0%	\$32,700	Standard Percentage
<b>SUB-TOTAL CONSTRUCTION COSTS</b>				<b>\$993,800</b>	
Design Engineering	% of sub-total construction costs		12.0%	\$119,256	Standard Percentage
Construction Management/Materials Testing	% of sub-total construction costs		12.0%	\$119,256	Standard Percentage
<b>SUB-TOTAL DESIGN AND PROJECT ADMIN</b>				<b>\$238,512</b>	
<b>SUB-TOTAL</b>				<b>\$1,232,312</b>	
Contingency (30%)	% of sub-total		30.0%	\$369,700	
<b>Total Project Cost Estimate</b>				<b>\$1,610,000</b>	

Opinion of Probable Construction Costs

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.