



## CITY MANAGER'S OFFICE

CITY HALL  
10300 TORRE AVENUE • CUPERTINO, CA 95014-3255  
TELEPHONE: (408) 777-3223 • FAX: (408) 777-3366  
CUPERTINO.ORG

### CITY COUNCIL INFORMATIONAL MEMORANDUM

June 12, 2025

To: Cupertino City Council

From: Chad Mosley, Director of Public Works

Re: Collection of City-wide Traffic Data

#### Background

At the May 15, 2025, City Council meeting, Council requested that staff consider the preparation of a traffic study that would collect City-wide traffic data. The City's latest data was collected prior to the COVID-19 pandemic, and updated data would be beneficial in ongoing transportation related initiatives.

#### Description

The data to be collected would consist of an Engineering and Traffic Survey, in accordance with methods determined by the Department of Transportation, which is primarily used to establish speed limits. The City would also collect Average Daily Traffic (ADT) volumes along various street segments, as well as peak hour traffic counts at key intersections. An Engineering and Traffic Survey collects:

- Prevailing speeds, as determined by traffic engineering measurements;
- Accident records;
- Highway, traffic, and roadside conditions not readily apparent to the driver.

The estimated cost to collect and compile this data is approximately \$180,000, and would take approximately 8 months to contract, collect, and compile the data.

The data would provide valuable information that would be used to inform other transportation related initiatives over the next few years.

#### Sustainability Impact

No sustainability impact.

#### Fiscal Impact

The Engineering and Traffic Survey, including ADT, is estimated to cost \$180,000.

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Prepared by: David Stillman, Transportation Manager

Reviewed by: Chad Mosley, Director of Public Works

Approved for Submission by: Tina Kapoor, Acting City Manager

Attachments:

A – Street Segments to be Surveyed

B – Intersections to be Surveyed

## ATTACHMENT A

### Street Segments to be Surveyed

Street Name	Direction	Limit 1	Limit 2
Bandley		Alves Drive	Stevens Creek Boulevard
Bandley		Valley Green Drive	Alves Drive
Blaney Avenue		Beekman Place	Stevens Creek Boulevard
Blaney Avenue		Homestead Road	Beekman Place
Blaney Avenue		Stevens Creek Boulevard	Bollinger Road
Bollinger Road		De Anza Boulevard	Miller Avenue
Bollinger Road		Miller Avenue	East City Limit
Bollinger Road		Western City Limit	De Anza Boulevard
Bubb Road		McClellan Road	Rainbow Drive
Bubb Road		Stevens Creek Boulevard	McClellan Road
Cristo Ray Drive		Foothill Boulevard	West City Limit
De Anza Boulevard	northbound	Homestead Road	Stevens Creek Boulevard
De Anza Boulevard	southbound	Homestead Road	Stevens Creek Boulevard
De Anza Boulevard	northbound	Stevens Creek Boulevard	Bollinger Road
De Anza Boulevard	southbound	Stevens Creek Boulevard	Bollinger Road
De Anza Boulevard	northbound	State Route 85	Prospect Road
De Anza Boulevard	southbound	State Route 85	Prospect Road
Finch Avenue		Stevens Creek Boulevard	Phil lane
Foothill Boulevard		Stevens Creek Boulevard	McClellan Road
Foothill Boulevard	northbound	Starling Drive	Stevens Creek Boulevard
Foothill Boulevard	southbound	Starling Drive	Stevens Creek Boulevard
Homestead Road		Western City Limit	Mary Avenue
Homestead Road		Mary Avenue	De Anza Boulevard
Homestead Road		De Anza Boulevard	Wolfe Road
Homestead Road		Wolfe Road	East City Limit
Mary Avenue		Stevens Creek Boulevard	Meteor Drive
McClellan Road		Foothill Boulevard	Clubhouse Lane
McClellan Road		Clubhouse Lane	Bubb Road
McClellan Road		Bubb Road	Stelling Road
McClellan Road		Stelling Road	De Anza Boulevard
Miller Avenue		Stevens Creek Boulevard	Phil Lane
Miller Avenue		Phil Lane	Bollinger Road
Pacific Drive		De Anza Boulevard	Blaney Avenue
Prospect Road		Stelling Road	De Anza Boulevard
Pruneridge		Wolfe Road	Tantau Avenue
Rainbow Drive		Stelling Road	De Anza Boulevard
Rainbow Drive		Western Terminus	Stelling Road

Rodriguez Avenue		De Anza Boulevard	Blaney Avenue
Stevens Creek Blvd		Western City Limit	Foothill Boulevard
Stevens Creek Blvd		Foothill Boulevard	Phar Lap Drive
Stevens Creek Blvd		Phar Lap Drive	Bubb Road
Stevens Creek Blvd	East Bound	Bubb Road	Stelling Road
Stevens Creek Blvd	West Bound	Bubb Road	Stelling Road
Stevens Creek Blvd	East Bound	Stelling Road	De Anza Boulevard
Stevens Creek Blvd	West Bound	Stelling Road	De Anza Boulevard
Stevens Creek Blvd	East Bound	De Anza Boulevard	Blaney Avenue
Stevens Creek Blvd	West Bound	De Anza Boulevard	Blaney Avenue
Stevens Creek Blvd	East Bound	Blaney Avenue	Portal Avenue
Stevens Creek Blvd	West Bound	Blaney Avenue	Portal Avenue
Stevens Creek Blvd	East Bound	Portal Avenue	Wolfe Road
Stevens Creek Blvd	West Bound	Portal Avenue	Wolfe Road
Stevens Creek Blvd	East Bound	Wolfe Road	Eastern City Limit
Stevens Creek Blvd	West Bound	Wolfe Road	Eastern City Limit
Stelling Road		Alves Drive	Stevens Creek Boulevard
Stelling Road		Homestead Road	Alves Drive
Stelling Road		McClellan Road	Orion Lane
Stelling Road		Rainbow Drive	Prospect Road
Stelling Road	northbound	Stevens Creek Boulevard	McClellan Road
Stelling Road	southbound	Stevens Creek Boulevard	McClellan Road
Stevens Canyon Road		McClellan Road	Southern City Limit
Tantau Avenue		Bollinger Road	Phil lane
Tantau Avenue		Homestead Road	Pruneridge Avenue
Tantau Avenue		Pruneridge Avenue	Stevens Creek Boulevard
Tantau Avenue		Stevens Creek Boulevard	Phil lane
Vallco Parkway	East Bound	Wolfe Road	Tantau Avenue
Vallco Parkway	West Bound	Wolfe Road	Tantau Avenue
Wolfe Road	northbound	Interstate 280	Stevens Creek Boulevard
Wolfe Road	southbound	Interstate 280	Stevens Creek Boulevard
Wolfe Road	northbound	Homestead Road	Interstate 280
Wolfe Road	southbound	Homestead Road	Interstate 280

## **ATTACHMENT B**

### **Intersections to be Surveyed**

<b>Street</b>	<b>Cross Street</b>
Hwy 280 NB Ramps	Wolfe Rd.
Hwy 280 SB Ramps	Wolfe Rd.
Stevens Creek Blvd.	Wolfe Rd./Miller Av.
De Anza Blvd	Prospect Rd.
Hwy 85 SB Ramps	De Anza Blvd
Hwy 85 NB Ramps	De Anza Blvd
De Anza Blvd	Bollinger Rd.
De Anza Blvd	Stevens Creek Blvd.
Hwy 280 SB Ramps	De Anza Blvd.
Hwy 280 NB Ramps	De Anza Blvd.
De Anza Blvd	Homestead Rd.
Stevens Creek Blvd.	Stelling Rd.
Stevens Creek Blvd.	Hwy 85 SB Ramps
Stevens Creek Blvd.	Hwy 85 NB Ramps
De Anza Blvd	McClellan Rd/Pacifica Dr