

## City of Garden Grove

## INTER-DEPARTMENT MEMORANDUM

To: Matthew J. Fertal  
From: William E. Murray  
Dept: City Manager  
Dept: Public Works  
Subject: APPROVAL OF CITYWIDE  
ENGINEERING AND TRAFFIC  
SPEED SURVEY; INTRODUCE  
AND CONDUCT THE FIRST  
READING OF ORDINANCE  
ESTABLISHING SPEED LIMITS;  
AND ADOPTION OF A  
RESOLUTION APPROVING  
CLASSIFICATION CHANGES FOR  
SELECT STREETS FOR THE  
FEDERAL AID CLASSIFICATION  
MAP

OBJECTIVE

To approve the Citywide Engineering and Traffic Speed Survey to establish speed limits; introduce and conduct the first reading of an ordinance establishing speed limits; and adopt a Resolution approving classification changes to select streets on the Federal Aid Classification Map;

BACKGROUND

In order for the City to issue radar speeding citations, it is necessary to have a valid Engineering and Traffic Speed Survey conducted every five years as required by the California Vehicle Code (CVC). However, the time span between studies can be extended up to seven years if the arresting officer has completed a minimum of 24 hours of certified radar operator course training and up to ten years, depending on specific criteria such as no significant changes in roadway or traffic conditions have occurred, including but not limited to, changes in adjoining property or land use, roadway width, or traffic volume as evaluated by a registered Traffic Engineer.

The City's current survey was approved by City Council in April of 2010. By conducting the new survey this year; the City will have a survey that meets the five-year requirement by the California Vehicle Code (CVC). The consulting firm of Albert Grover and Associates (AGA) was hired to conduct the new survey. By having the survey certified by a registered Traffic Engineer, evidence of speeding obtained by the use of radar under the CVC Section 40802 will be allowed in court.

As part of their contract, AGA also studied twenty-two (22) street segments that are currently designated as "Collector" streets in the Federal Aid Classification Maps.

APPROVAL OF CITYWIDE ENGINEERING AND TRAFFIC SPEED SURVEY; ADOPT  
RESOLUTION APPROVING CLASSIFICATION CHANGES FOR SELECT STREETS FOR  
THE FEDERAL AID CLASSIFICATION MAP; INTRODUCE AND CONDUCT THE FIRST  
READING OF ORDINANCE ESTABLISHING SPEED LIMITS

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A majority of these "Collector" streets have characteristics of being a local residential street with a prima facie speed limit of 25 miles per hour (mph). These serve adjacent to residential land uses and allow access to residential driveways. Some also serve local traffic that access businesses on both sides of the street. AGA studied these street segments, and a recommendation is being made to have them reclassified as "Local" streets in the Federal Aid Classification Maps and allow the City to issue citations for excessive speeds. All of the "Local" streets are considered to have a prima facie speed limit of 25 miles per hour.

### DISCUSSION

One hundred-forty three (143) roadway segments were surveyed in the city. Every segment was analyzed individually using traffic speed survey results, traffic volumes, accident data, posted speed limits, and roadway conditions identified in the field. The attached Ordinance shows the roadway segments surveyed with their proposed respective speed limits. Nelson Street from Garden Grove Boulevard to Stanford Avenue, Newhope Street from Westminster Avenue to Trask Avenue, and Springdale Street from Chapman Avenue to Santa Catalina Avenue saw a 5 mph increase from their current speed limit. Three segments of Brookhurst Street from Trask Avenue to Chapman Avenue saw a 5 mph decrease. Three roadway segments were newly surveyed by AGA. They are currently listed as "Collector" streets on the Federal Aid Classification Maps; however, it was determined by their high volume of traffic that they could not be reclassified as "Local" streets. Taft Street from Westminster Avenue to Trask Avenue carries approximately 9,000 vehicles per day and from Trask Avenue to Century Boulevard it carries approximately 8,000 vehicles per day. The third roadway segment, Ward Street from Hazard Avenue to Morningside Drive, carries approximately 9,000 vehicles per day. AGA has recommended that all three of these roadway segments have a speed limit of 35 mph based on their 85<sup>th</sup> percentile speed.

Nineteen (19) roadway segments were determined by AGA to be re-designated from being classified as "Collector" streets to "Local" streets on the Federal Aid Classification Maps. Aside from providing continuity between the City's General Plan and the Federal Aid Classification Map; the proposed changes allow the City to issue citations for excessive speed utilizing radar without posting the speed limit or conducting radar surveys. All nineteen (19) roadway segments are considered to have a prima facie speed limit of 25 mph. These changes will also make the Federal Aid Classification Map consistent with the countywide Master Plan of Arterial Highways (MPAH).

### FINANCIAL IMPACT

None.

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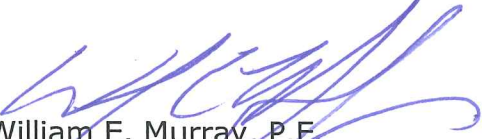
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RECOMMENDATION

It is recommended that the City Council:


- Approve the Traffic and Engineering Speed Survey;
- Introduce and conduct the first reading of the Ordinance amending Chapter 36 of Title 10 of the Garden Grove Municipal Code establishing speed limits; and
- Adopt the attached Resolution approving functional classification changes for select streets from "Collector" to "Local" streets.

  
William E. Murray, P.E.  
Public Works Director

By:  Tony Aquino, P.E.  
Acting City Traffic Engineer

Attachment 1: Traffic and Engineering Speed Survey  
Attachment 2: Draft Ordinance  
Attachment 3: Draft Resolution

Recommended for Approval

  
Matthew J. Fertal  
City Manager



## ORDINANCE NO.

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GARDEN GROVE  
 AMENDING CHAPTER 36 OF TITLE 10 OF THE GARDEN GROVE MUNICIPAL CODE  
 ESTABLISHING SPEED LIMITS FOR CERTAIN DESIGNATED CITY STREETS BASED  
 UPON AN UPDATED TRAFFIC AND ENGINEERING SPEED SURVEY

THE CITY COUNCIL OF THE CITY OF GARDEN GROVE DOES ORDAIN AS  
 FOLLOWS:

Section 1: Code Amendment. Chapter 36 of Title 10 of the Garden Grove Municipal Code is hereby amended to read as follows:

## CHAPTER 36: SPEED RESTRICTIONS

## SECTION 10.36.010: Speed Zoning

The City Engineer is authorized and required to make the appropriate engineering and traffic investigation, which is the basis for the current prima facie speed zones, as specified in Section 10.36.030. This type of study shall be maintained current and updated every five years at a minimum.

## SECTION 10.36.020: Regulation by Traffic Signals

The City Engineer is authorized to regulate the timing of traffic signals so as to permit the movement of traffic in an orderly and safe manner at a speed slightly at variance from the speeds otherwise applicable within the district or at intersections, and may erect appropriate signs giving notice thereof.

## SECTION 10.36.030: Speed Limits Established

Pursuant to California Vehicle Code Sections 22357 through 22358, upon the basis of an engineering and traffic investigation, the speed permitted by state law upon the following streets for safe operation of vehicles are as established herein. The prima facie speed limit shall be as set forth in this Section on those streets or parts of streets herein designated when signs are erected giving notice thereof:

No. and Name of Street	Portion Affected	Declared Prima Facie Speed Limit	
116	Brookhurst Street	Hazard Ave. to Chapman Ave.	40
116	Brookhurst Street	Chapman Ave. to Katella Ave.	45
155	Century Boulevard	Garden Grove Blvd. to Euclid St.	40
159	Chapman Avenue	Lewis St. to Harbor Blvd.	45
159	Chapman Avenue	Harbor Blvd. to Knott St.	40
159	Chapman Avenue	Knott St. to Valley View St.	45
159	Chapman Avenue	Valley View St. to Bailey St.	25
197	Dale Street	Katella Ave. to Garden Grove Blvd.	35

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269	Euclid Street	Katella Ave. to Westminster Ave.	40
318	Garden Grove Boulevard	Lewis St. to Western St.	40
329	Gilbert Street	Katella Ave. to Chapman Ave.	35
329	Gilbert Street	Chapman Ave. to Garden Grove Blvd.	30
354	Harbor Boulevard	Wilken Wy. to Westminster Ave.	40
360	Haster Street	Simmons Ave. to Garden Grove Blvd.	40
363	Hazard Avenue	Euclid St. to Cork St.	40
465	Knott Street	Patterson Dr. to Garden Grove Blvd.	40
466	Lampson Avenue	Lewis St. to Dale St.	35
466	Lampson Avenue	Dale St. to Valley View St.	40
466	Lampson Avenue	Valley View St. to Manley St.	45
531	Magnolia Street	Katella Ave. to Garden Grove Blvd.	40
531	Magnolia Street	Garden Grove Blvd. to Trask Ave.	35
531	Magnolia Street	Trask Ave. to Westminster Ave.	40
533.10	Main Street	College St. to Acacia Pkwy.	25
533.10	Main Street	Acacia Pkwy. to Garden Grove Blvd.	25
607	Nelson Street	Garden Grove Blvd. to Stanford Ave.	35
610	Newhope Street	Garden Grove Blvd. to Trask Ave.	35
610	Newhope Street	Trask Ave. to Westminster Ave.	40
611	Newland Street	Garden Grove Blvd. to Westminster Ave.	40
616	Ninth Street	Orangewood Ave. to Garden Grove Blvd.	35
618	Nutwood Avenue	Chapman Ave. to Garden Grove Blvd.	35
637	Orangewood Avenue	Eugene St. to West St.	40
637	Orangewood Avenue	West St. to Magnolia St.	35
637	Orangewood Avenue	Magnolia St. to Knott St.	40
816.6	Springdale Street	Garden Grove Blvd. to Chapman Ave.	35
816.6	Springdale Street	Chapman Ave. to Santa Catalina Ave.	40
	Taft Street	Westminster Ave. to Century Blvd.	35
866	Trask Avenue	Fairview St. to Harbor Blvd.	35
866	Trask Avenue	Harbor Blvd. to Newland St.	40
866	Trask Avenue	Newland St. to Beach Blvd.	35
	Ward Street	Hazard Ave. to Morningside Dr.	35
932	West Street	Ricky Ave. to Garden Grove Blvd.	40
933	Western Avenue	Lincoln Wy. to Orangewood Ave.	40
933	Western Avenue	Orangewood Ave. to Garden Grove Blvd.	45
935	Westminster Avenue	Buena St. to Bushard St.	45
935	Westminster Avenue	Bushard St. to Newland St.	40
890	Valley View Street	Santa Catalina Ave. to Garden Grove Blvd.	45

SECTION 2: If any section, subsection, subdivision, sentence, clause, phrase, word, or portion of this Ordinance is, for any reason, held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance. The City Council hereby declares that it would have adopted this Ordinance and each section, subsection, subdivision, sentence, clause, phrase, word, or portion thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, sentences, clauses, phrases, words or portions thereof be declared invalid or unconstitutional.

SECTION 3: The Mayor shall sign and the City Clerk shall certify to the passage and adoption of this Ordinance and shall cause the same, or the summary thereof, to be published and posted pursuant to the provisions of law and this Ordinance shall take effect thirty (30) days after adoption.





## GARDEN GROVE CITY COUNCIL

## RESOLUTION NO.

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GARDEN GROVE,  
CALIFORNIA, ACCEPTING AND APPROVING THE FUNCTIONAL CLASSIFICATION  
CHANGES FOR SELECT STREETS WITHIN THE CITY OF GARDEN GROVE

The City Council of the City of Garden Grove does hereby resolve as follows:

SECTION 1. Approve the Functional Classification changes on select streets within the city of Garden Grove from "Collector" streets to "Local" streets on the Federal Aid Classification map as follows.

<u>Street</u>	<u>Limit</u>
1. Acacia Parkway	Nelson Street to Ninth Street
2. Barclay Drive	Katella Avenue to Orangewood Avenue
3. Benton Street	Garden Grove Boulevard to Trask Avenue
4. Blackmer Street	Cerulean Avenue to Santa Catalina Avenue
5. Buaro Street	Chapman Avenue to Harbor Boulevard
6. Cerulean Avenue	Blackmer Street to Topaz Street
7. Clinton Street	Westminster Avenue to Trask Avenue
8. Gilbert Street	Garden Grove Boulevard to Trask Avenue
9. Joyzelle Drive	Magnolia Street to Brookhurst Street
10. Nelson Street	Chapman Avenue to Stanford Avenue
11. Palmwood Drive	Katella Avenue to Orangewood Avenue
12. Parliament Avenue	Brookhurst Street to Palmwood Drive
13. Stanford Avenue	Springdale Street to Knott Street
14. Stanford Avenue	Gilbert Street to Main Street
15. Stanford Avenue	Euclid Street to Ninth Street
16. Stanford Avenue	Fern Street to Josephine Street
17. Taft Street	Garden Grove Boulevard to Century Boulevard
18. Topaz Street	Cerulean Avenue to Lampson Avenue
19. Yockey Street	Garden Grove Boulevard to Westminster Avenue