

ORDINANCE NO. 2486

AN ORDINANCE AMENDING SECTION 19.09.040 OF THE CHULA VISTA ZONING CODE BY CHANGING THE TRAFFIC THRESHOLD STANDARD TO THE 1985 HIGHWAY CAPACITY MANUAL (HCM) METHOD AND DELETING ECONOMICS FROM THE ECONOMICS THRESHOLD STANDARD

The City Council of the City of Chula Vista, California does ordain as follows:

SECTION I. Section 19.09.040 of the Chula Vista Zoning Code is amended as follows:

Sec. 19.09.040 Quality of Life Threshold Standards.

In order to provide that public facilities and services, government and other utility services, and improvements are adequate to meet present and future needs of the City, the City Council hereby adopts Quality of Life Threshold Standards for each facility or improvement listed below.

A. Police.

1. Emergency Response: Properly equipped and staffed police units shall respond to 84 percent of "Priority One" emergency calls within seven (7) minutes and maintain an average response time to all "Priority One" emergency call of 4.5 minutes or less.
2. Respond to 62 percent of "Priority Two Urgent" calls within 7 minutes and maintain an average response time to all "Priority Two" calls of seven (7) minutes or less.

B. Fire and Emergency Medical.

1. Emergency Response: Properly equipped and staffed fire and medical units shall respond to calls throughout the City within seven (7) minutes in 85 percent (current service to be verified of the cases) (measured annually).

C. Schools.

The City shall annually provide the two local school districts with a 12 to 18 month development forecast and request an evaluation of their ability to accommodate the forecast and continuing growth. The Districts' replies should address the following:

1. Amount of current capacity now used or committed.

2. Ability to absorb forecast growth in affected facilities.
3. Evaluation of funding and site availability for projected new facilities.
4. Other relevant information the District(s) desire(s) to communicate to the City and GMOC.

The growth forecast and school district response letters shall be provided to the GMOC for inclusion in its review.

D. Libraries.

Population ratio: 500 square feet (gross) of adequately equipped and staffed library facility per 1,000 population.

E. Parks and Recreation Areas.

Population ratio: Three (3) acres of neighborhood and community park land with appropriate facilities per 1,000 residents east of I-805.

F. Water.

1. Developer will request and deliver to the City a service availability letter from the Water District for each project.
2. The City shall annually provide the San Diego County Water Authority, the Sweetwater Authority, and the Otay Municipal Water District with a 12 to 18 month development forecast and request an evaluation of their ability to accommodate the forecast and continuing growth. The Districts' replies should address the following:
  - a. Water availability to the City and Planning Area, considering both short and long term perspectives.
  - b. Amount of current capacity, including storage capacity, now used or committed.
  - c. Ability of affected facilities to absorb forecast growth.
  - d. Evaluation of funding and site availability for projected new facilities.
  - e. Other relevant information the District(s) desire(s) to communicate the City and GMOC.

G. Sewer.

1. Sewage flows and volumes shall not exceed City Engineering Standards as set forth in the Subdivision Manual adopted by City Council Resolution Number 11175 on February 12, 1983, as may be amended from time to time.
2. The City shall annually provide the San Diego Metropolitan Sewer Authority with a 12-18 month development forecast and request confirmation that the projection is within the City's purchased capacity rights and an evaluation of their ability to accommodate the forecast and continuing growth, or the City Engineering Department staff shall gather the necessary data.

The information provided to the GMOC shall include the following:

- a. Amount of current capacity now used or committed.
- b. Ability of affected facilities to absorb forecast growth.
- c. Evaluation of funding and site availability for projected new facilities.
- d. Other relevant information.

The growth forecast and Authority response letters shall be provided to the GMOC for inclusion in its review.

H. Drainage.

1. Storm water flows and volumes shall not exceed City Engineering Standards as set forth in the Subdivision Manual adopted by City Council Resolution Number 11175 on February 23, 1983, as may be amended from time to time.
2. The GMOC shall annually review the performance of the City's storm drain system to determine its ability to meet the goals and objectives above.

I. Traffic.

1. City-wide: Maintain LOS "C" or better as measured by observed average travel speed on all signalized arterial segments except that during peak hours a LOS of "D" can occur for no more than two hours of the day.

2. West of I-805: Those signalized intersections which do not meet the standard above, may continue to operate at their current (year 1991) LOS, but shall not worsen.
3. Notes to Standards:
  - a. Arterial segment LOS measurements shall be for the average weekday peak hour, excluding seasonal and special circumstance variations.
  - b. Urban and suburban arterials are defined as surface highways having signal spacing of less than 2 miles with average weekday traffic volumes greater than 10,000 vehicles per day.
  - c. Arterial segments are stratified into three classifications:
    - (1) Class I arterials are roadways where free flow traffic speeds range between 35 mph and 45 mph and the number of signalized intersections per mile is less than four (4). There is no parking and there is generally no access to abutting property.
    - (2) Class II arterials are roadways where free flow traffic speeds range between 30 mph and 35 mph, the number of signalized intersections per mile range between four (4) and eight (8). There is some parking and access to abutting properties is limited.
    - (3) Class III arterials are roadways where free flow traffic speeds range between 25 mph and 35 mph and the number of signalized intersections per mile are closely spaced. There is substantial parking and access to abutting property is unrestricted.
  - d. The LOS measurement of arterial segments and freeway ramps shall be a growth management consideration in situations where proposed developments have a significant impact at interchanges.
  - e. Circulation improvements should be implemented prior to anticipated deterioration of LOS below established standards.

- f. The criteria for calculating arterial LOS and defining arterial lengths and classifications shall follow the procedures detailed in Chapter 11 of the 1985 Highway Capacity Manual (HCM) and shall be confirmed by the City Traffic Engineer.
- g. During the conduct of future Traffic Monitoring Program field surveys, intersections experiencing significant delays will be identified. The information generated by the field surveys will be used to determine possible signal timing changes, geometric and/or traffic operational improvements for the purpose of reducing intersection delay.
- h. Level of Service values for arterial segments shall be based on the following table:

Table I

<u>Level of Service</u>	<u>Average Travel Speed (mph)</u>		
	<u>Class1</u>	<u>Class2</u>	<u>Class3</u>
A	> 35	> 30	> 25
B	> 28	> 24	> 19
C	> 22	> 18	> 13
D	> 17	> 14	> 9
E	> 13	> 10	> 7
F	< 13	< 10	< 7

Source: Highway Capacity Manual, Special Report 209, Transportation Research Board, National Research Council, Washington, D.C., 1985.

J. Air Quality.

The City shall annually provide the San Diego Air Pollution Control District with a 12 to 18 month development forecast and request an evaluation of its impact on current and future air quality management programs, along with recent air quality data. The growth forecast and APCD response letters shall be provided to the GMOC for inclusion in its review.

K. Fiscal.

- 1. The GMOC shall be provided with an annual fiscal impact report which provides an evaluation of the impacts of growth on the city, both in terms of operations and capital improvements. This report should evaluate actual growth over the previous

12-month period, as well as projected growth over the next 12-18 month period, and 5-7 year period.

2. The GMOC shall be provided with an annual "development impact fee report," which provides an analysis of development impact fees collected and expended over the previous 12-month period.

L. Amendments and Supplemental Thresholds.

The standards may be amended from time to time on approval by the City Council.

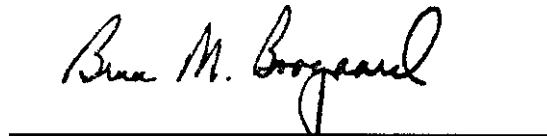
SECTION II. This ordinance shall be in full force and effect on the thirtieth day after the final adoption hereof by the City Council on the affirmative vote of three of its members.

Presented by

Approved as to form by



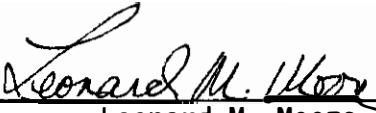
Robert A. Leiter  
Director of Planning



Bruce M. Boogaard  
City Attorney

PASSED, APPROVED and ADOPTED by the City Council of the City of Chula Vista, California, this 12th day of November, 1991, by the following vote:

AYES: Councilmembers: Grasser Horton, Moore, Rindone  
NOES: Councilmembers: None  
ABSENT: Councilmembers: Nader, Malcolm  
ABSTAIN: Councilmembers: None

  
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Leonard M. Moore  
Mayor Pro-Tempore

ATTEST:

  
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Beverly A. Authelet, City Clerk

STATE OF CALIFORNIA )  
COUNTY OF SAN DIEGO ) ss.  
CITY OF CHULA VISTA )

I, Beverly A. Authelet, City Clerk of the City of Chula Vista, California, do hereby certify that the foregoing Ordinance No. 2486 had its first reading on November 5, 1991, and its second reading and adoption at a regular meeting of said City Council held on the 12th day of November, 1991.

Executed this 12th day of November, 1991.

  
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Beverly A. Authelet, City Clerk