



# CITY OF SACRAMENTO

## DEPARTMENT OF PUBLIC WORKS

ENGINEERING DIVISION

THOMAS M. FINLEY  
Engineering Division Manager

May 13, 1986

Budget and Finance Committee  
Sacramento, California

Honorable Members in Session:

SUBJECT: Undulation Criteria and Priority List

### SUMMARY

Staff was requested to provide information regarding the current undulation policy and priorities. As proposed, the City will be able to install undulations on approximately five streets in FY 1986-87.

### BACKGROUND

At the April 15, 1986 meeting of the Budget and Finance Committee meeting, staff was requested to present the City's current undulation policy and the current priority list.

On September 29, 1982, the City Council adopted the following criteria when considering candidate undulation streets:

1. It must be primarily a neighborhood collector street as opposed to arterial or major streets
2. It should be 75% residential
3. It must be 1,500 feet long
4. All intersections must be of the "T" type
5. The speed limit should be 25 or 30 miles per hour
6. It cannot be a bus route

Undulations are expensive items to install. In the past several years the City has been budgeting approximately \$45,000 for the undulation program. This allows the City to install undulations on approximately ten streets each year. This year with \$20,000 budgeted, approximately five streets can be completed. To determine which streets should receive undulations a priority list has been established based on the following:

1. One point is assigned for every 50 vehicles, i.e., 500 vehicles per day equals 10 points.

2. One point is assigned for every percent of traffic exceeding the speed limit, i.e., 37% exceeding a 25 mile per hour speed limit equals 37 points.
3. One point is assigned for each house fronting on the street and/or one point for every 70 feet of school, park, playground, or apartment frontage.

Attached for your information are the current list's top 20 priorities.

FINANCIAL

One set of undulations costs approximately \$1,800. Streets usually require a minimum of two sets of undulations. Twenty thousand dollars (\$20,000) have been identified for the undulation program in the 1986-87 C.I.P. This will allow the installation of undulations on the top five candidate streets.

RECOMMENDATION

This item is presented for your information only.

Respectfully submitted,

*for Thomas M. Finley*  
THOMAS M. FINLEY  
Engineering Division Manager

Approved For Committee Information: Approved:

*Solon Wisham Jr*  
FOR SOLON WISHAM, JR.  
Assistant City Manager

*L.M. Johnson*  
FOR MELVIN H. JOHNSON  
Director of Public Works

JB:jd  
JB248Bd4  
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May 13, 1986  
All Districts

Attachment

EXHIBIT A

CITY OF SACRAMENTO  
UNDULATION PRIORITY LIST

<u>Rank</u>		<u>Location</u>		<u>Points</u>
1.	Northview Drive	W. El Camino Avenue	Haggin Avenue	150
2.	South Avenue	Ivy Street	Dayton Street	144
3.	60th Street	14th Avenue	19th Avenue	144
4.	Mandy Drive	G Parkway	Pinon Way	143
5.	9th Avenue	Stockton Boulevard	32nd Street	141
6.	Rivergate Way	Pocket Road	Gloria Drive	141
7.	64th Street	21st Avenue	Fruitridge Road	137
8.	32nd Avenue	28th Street	Franklin Boulevard	136
9.	Carroll Avenue	Norwood Avenue	Altos Avenue	135
10.	North Avenue	Marysville Boulevard	Mahogany Street	135
11.	Rivera Drive	Rio Linda Boulevard	High Street	134
12.	North Avenue	Pinell Street	Winters Street	134
13.	Ferran Avenue	Amherst Street	19th Street	133
14.	Ford Road	Mabel Street	Norwood Avenue	133
15.	Sotano Drive	Northgate Boulevard	Seminole Way	132
16.	16th Avenue	24th Street	Sacramento Boulevard	132
17.	Mac Arthur Street	Raley Boulevard	Pinell Street	130
18.	Bidwell Way	Freeport Boulevard	17th Street	129
19.	South Avenue	Norwood Avenue	Western Avenue	129
20.	Normington Drive	W. El Camino Avenue	Arundel Way	129