## City Needs \$15 Million in New Storm Drains

A storm drain deficiency study for Torrance indi-
cates the city needs $\$ 15$ million in additions to its cates the city needs $\$ 15$ million in additions to its
present system to provide adequate minimum protection, a report compiled by City Engineer Walter M. Nollac reveals.
Making the survey at the request of the Los Angeles County Fiood Control District, Nollac found that a continuation of present systems without elimination
of retention basins would pass the $\$ 15$ million mark. retention basins would pass the $\$ 15$ million mark.
Were retention basins to be eliminated by tunnels Were retention basins to be eliminated by tunnes and lateral storm drains to the ocean and to Bixby
Slough in Harbor City, the cost would climb above the $\$ 32$ million mark, the engineer estimated.
In compiling the city's storm drain needs. Nollac by the engineering firm of Koebig \& Koebig in 1960 and expanded that report to reflect changed conditions, and to incorporate consideration of problems not fore seen in the earlier report At the Flood Control District's request, a priority
(1) those described as urgent and critical now; (2) those needed to protect currently developing areas, and
(3) those which will be needed for expanded or futre (3) those whic
development. Many of these projects described by Nolla, if car-
ried to a conclusion, would benefit areas outside of Torrance, he said in the report.

First priority in the city was given to a drain system near Arlington and 231 st Street, second to the
area of Crenshaw and 236 Sth Street, and the third to Walnut and 238th Street.
The drainage needs include nearly every part of the city and extend to areas outside of the city, he
reported. Other new retention basins proposed as the Phase I project would provide drainage for the Sepul-veda-Crenshaw area, the Crenshaw-Lomita Boulevard and airport areas, the Victor Tract, and the area north
of Torrance Boulevard between Hawthorne and Maof Torrance Boulevard between Hawthorne and Ma-
drona drona.
The City Council has been working toward pro-
viding several of these drains, particularly those in the If thilfield area and the Victor Trac If the rentention basins are to be eliminated, Nollac said, drains would be needed linking the Del Amo Shopping Center area with the Walteria Lake area
and then a tunnel taking this accumulation to the Paand then a tunnel taking this accumulation to the Pa-
cific Ocean under Hollywood Riviera. This project has been discussed for several years as the ultimate solution to the problem of eliminating the heavy water
runoff from the Palos Verdes Peninsula west Torrance areas during major storms. The huge Walteria Lake retention basin built during the past year is designed to care for this at the present time. Another tunnel originating north of the airport near Lomita Boulevard would collect water from the airport, South Torrance oilfield area, and Lomita areas and carry it into Bixby Slough which opens into the Los Draining the
Draining the northwest area of the city would re-
quire a tunnel from the Entradero Sump area and going
to the ocean through Redondo Beach. This tunnel also
would collect storm waters from the Victor Tract area. would collect storm waters from the Victor Tract area.
North Torrance needs the least in the way of major projects, although a number of additional lines are needed to carry water into the Dominguez Channel The principal North Torrance line would collect
water in the E1 Nido area, carrying it generally through water in the El Nido area, carrying it generally through
182nd 182nd Street and Prairie Avenue to about 171.st Street
then easterly and northward into the channel. The then easterly and northward into the channel. The
study does not call for retention basins in North Torstuad does not call for retention besins in North Tor-
rance, genally the area north of 190 th Street. Construction of the tunnel in West Torrance would The tunnel through Hollywood Riviera would eliminate four retention basins at a cost of $\$ 15,724,000$; and the tunnel to Bixby Slough would take out four retention basins at a cost of $\$ 9,220,000$.
Inclusion of these projects in a countywide bond election appears to be the only hope of financing the
major parts of them, The HERALD was told.

Let Investigators Do Their Best ( Editorial, Page 34)

## VAd

Only Audited Mass
Onlot

## :MOSK ASKED TO JOIN PROBE

| A Penny <br> for your Thoughts |
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Classes have started, but be-
Civil Rights Forum Slated Here Friday
A public forum on "Problems of Integration in the
South Bay" will be held at Torrance High School audiSouth Bay" will be held at Torrance High School audi-
torium Friday evening at $70^{\prime}$ clock. The forum is sponsored torium Friday evening at $70^{\circ}$ clock. The forum is sponsored
by the Centinela-Bay Human Relations Committee. An by the Centinela-Bay Human Relations Committee. An
Aug. 17 forum at the auditorium was disrupted by a group
of 35 or 40 persons who Aug. 17 forum at the auditorium was disrupted by
of 35 or 40 persons who
heckled, the speakers. South
Bay Bar Assn. Pres side ent
Charles F. Catterlin, moderator Petitions of the discussion panel, blamed
the disruption on members of
the Jopn Brrch Society.

 tures. A protest hearing also
must be scheduled by the
Board of Supervisers Board of Supervisors.
Keith believes an election in
the area may be held early the area may be held early
next year, depending on how
fast the petititions are processed

Pearlston, said the group
has asked for five officers and
will pay them ing
FRIDAY's meeting, accord
ing to Peariston, is not a de
bate or rally, "Rather, we wan to
man

| HERALD |
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FILE PETITION
Carson area as Carson area as the Cty of Carson turned in their peeting to Tuestay to chate a part of the
clerk of the Board of Supervisors deputy clerk of the Board of Supervisors James S. Mize (right). The group, Manuel Gonzalez,
treasurer; Sak Yamimoto, seretary, and charman R. B. Keith, said the petition con-
tained more than enough signatures. After a check of the petition, the Board of Super
visors will sehedule
Orientation Session Held as Classes Open r. Torrance Unified School, history and the American free. Hull suggested the teacher
District's teaching staff of Dind
1,100 , gathered in the gymna-
sium of South High for sum of South High for the an- our "
nual
school orientation Monday
ciety."
morning, heard Dr. J. H. Hull
prescribe a program for the recent action raising
In
nize the teaching of American
duty-
Council Upsets Planners,
Rezones Industrial Tract


## Council, D.A.

 Seeking State Investigation

