

Torrance Library Expands Schedule

As another step in the County Library's program to improve and strengthen public service, the Torrance Public Library, 1345 Post Ave., will be open an additional 10 hours a week, it was announced today by County Librarian John D. Henderson.

Effective Sept. 4, the Torrance Library will be opened Mondays through Saturdays at 10 a.m. Formerly the facility opened at noon, Mondays through Fridays.

Closing hours will remain the same as previously, 9 p.m., Mondays through Fridays and 6 p.m. on Saturdays.

According to Betty L. Addison, Torrance-South Bay regional librarian, the increase in hours is being effected at no additional cost by re-arranging staff schedules.

The increase in hours of public service was approved by the Torrance Library Commission, George Kurtz, chairman, on Aug. 13.

Freeway Divider 'Bulges' Stand as Mute Evidence

Bulges in the median dividers along the Harbor Freeway stand as mute evidence of lives saved and the prevention of head-on collisions, Supervisor Kenneth Hahn said.

Hahn, who led a five-year campaign for installation of the safety fencing, noted that each portion of damaged fence represents a car which would have jumped the center divider and probably crashed into opposing traffic.

"On Wednesday afternoon I counted 33 places on the Harbor Freeway between the interchange and 190th St. where an automobile had smashed into the fence," Hahn said.

The supervisor has made several spot checks of the effectiveness of the fence since it was installed in mid-May.

"The fact that the fence has to be mended almost daily shows that it is serving a life-saving purpose," he said.

He cited statistics of tests conducted by the State Highway Department which showed that fatal accidents are almost eliminated from head-on collisions because of the safety fencing. On two test checks—one on the Santa Ana Freeway and the other on the Nimitz Freeway in Oakland—six mile installations of safety fencing were closely monitored by state officials.

In the year prior to the

test strips' installation, there were 49 cross-median accidents, eight of which were fatal.

In the year following the installation, there were only two cross-median accidents and one fatality.

Both of the latter accidents were attributed to unusual conditions in which cars "jumped" the freeway barrier.

Hahn pointed out that while the repair of freeway fence takes constant maintenance, the state is able to recover approximately 70 per cent of the repair costs from the involved motorist's insurance.

Seamanship Class Set In Gardena

A class in marine navigation and coastal seamanship will be offered at Gardena Adult School, 131 W. 182nd St.

The class will meet each Thursday evening from 6:30 to 9:30 p.m.

Topics to be covered include piloting and use of charts, safety at sea, laws, rules, and licenses governing small craft, tides and currents, aids to navigation, and operation, maintenance and repair of small sea-going craft in coastal waters.

A U.S. Coast Guard certificate will be issued persons successfully completing the course.

Instructor Donald Brandmeyer is head of a marine surveying company and is licensed as a master mariner. Brandmeyer has a background of many years' experience in marine navigation.

Registration for the class may be made at the Gardena Adult School office from 1 to 10 p.m. daily.

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SIGNING PROCLAMATION for United Way campaign are (from left) Martin Denn, Chamber of Commerce president; Albert Iseni, mayor, and Fred Mill, Community Chest chairman for local area, Campaign began here Saturday.

Record Number of Students Expected to Attend Schools

Extensive planning is under way this week as the Los Angeles City School System—the nation's second largest—prepares to receive more than 715,000 students for the fall semester, which begins on Monday, Sept. 17.

Figures released this week by Superintendent of Schools Jack P. Crowther indicate the present record enrollment of 691,000, which was reached by one district last April, will be broken by a considerable margin, probably in October.

Enrollment estimates for the new semester indicate 574,000 children and more than 140,000 adults will converge on the 586 schools operated by the Los Angeles system. This includes 422 elementary schools, 66 junior highs, 51 senior high schools, 27 adult schools, seven junior colleges, and 13 schools for handicapped students.

PREPARATIONS MADE

The superintendent said the district is now winding up preparations to accommodate the increased school

population. This includes the opening of five new schools, completion of several hundred new classrooms at existing schools, and transfer of portable bungalows to many locations where overcrowding is expected.

"However, because of our limited building funds we will not be able to meet our total commitments," the superintendent said.

"When school closed last June, we had more than 16,000 young people on half-day sessions and these are sure to increase steadily during the coming school year," Crowther said.

Following the defeat of school bonds, construction proposals A and B in June the housing branch of the district estimated 53,000 students would be on half-day sessions throughout the system by the end of 1964, including 22,000 in the San Fernando Valley.

A breakdown of the enrollment estimates for the fall semester shows 347,540 expected for elementary

TRAINERS

Some of the finest animal trainers in the world are to be seen in the Wild Animal Show presented daily at Jungland in Thousand Oaks. Mabel Stark and her tigers, Mel Koontz and his lions, Henry Tyndall and his chimps are but a few that demonstrate the skill of animal training.

THIRD BASEMAN

Los Angeles Angels third baseman Felix Torres may have difficulty speaking English, but he didn't have too much trouble at the plate from June 28 through July 18, when he hit safely in 15 straight games. It broke the 14-game streak by Steve Bilko, set last year. In setting the new club mark, Torres batted .436—24-for 55 with three homers and 14 RBIs.

grades, including approximately 52,000 in kindergarten; 119,588 in junior high; and 18,000 in senior high schools.

Additionally, the district's seven junior colleges are anticipating a day and evening attendance of 69,459 and 71,131 pupils are expected to attend adult schools throughout the area.

Adult School Offers Class In Japanese

Popularity of the Japanese language at Gardena Adult School, 1301 W. 182nd St., Gardena, has necessitated scheduling a beginning and advanced class for the fall semester program.

The beginning class is planned for successive Tuesday evenings, while continuing and advanced students will meet Thursday evenings. Conversation will be particularly stressed in the beginning session.

Intermediate and advanced students will further develop their conversational skills and study writing and reading the language.

Mrs. Jane Watanabe, a graduate of high school and college in Tokyo, will instruct the classes. "Mrs. Watanabe has lived in many countries and knows how much language means in bringing understanding and friendship between peoples of different background and cultures," said William Johnston, principal.

Pre-registration for Gardena Adult Education evening classes is now possible. Adult classes begin the week of Sept. 17.

Adult School offices will be open from 10 to 10 p.m. A complete schedule of classes will be mailed upon request by telephoning DA 3-2686.

Firm from Area Plays Role In Mariner II Venus Flight

The U. S. interplanetary probe, Mariner II, now on its historic flight to the planet, Venus, is being guided on a trajectory through outer space using guidance equations and firing tables provided by TRW's Space Technology Laboratories in the area.

The responsibility of guiding the Mariner II vehicle during the powered-flight portion of the mission to Venus had been relegated to STL under prime contract from the U.S. Air Force Systems Command, Space Systems Division.

Under a subcontract from the Lockheed Missile and Space Company, Sunnyvale, Calif., STL had earlier simulated, by computers, the entire Mariner II flight from the time of launching to completion of the mission. The computer-simulated flight used calculations devised at STL's Systems Research Laboratory.

DIRECTING

From these simulated flights, a series of trajectories and firing tables, capable of directing Mariner II to its destination depending upon the time of launch, had been developed at STL in the Systems Research Laboratory and Guidance Laboratory.

Under the Air Force

Space Systems Division contract, STL provided ascent guidance equations for the Atlas sustainer second stage of the Atlas Agena B vehicle used for the Mariner launch.

Other STL responsibilities on the Mariner project included post-flight analysis, project engineering at the Cape ground station and status reports on range safety and range support analysis.

ROLE

STL's role in the Mariner project is similar to that played in the Ranger IV launch last spring. Following the STL-devised trajectory, Ranger IV was the first U.S. satellite to impact on the lunar surface, despite the fact that scientists were unable to communicate with the satellite and effect any mid-course corrections during its flight.

Heading the Systems Research Laboratory group on the Mariner project are Jack R. Buckingham and Jerry G. Reid. William Schroeder and Clarence W. Pittman head the project team in the STL Guidance Laboratory.

All STL subcontract responsibilities for Mariner II are being performed at the company's Space Technology Center in Redondo Beach and its Flight Test Facility at Cape Canaveral, Fla.



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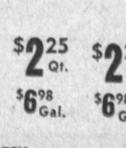
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