## Unique wave machine once helped keep city's streets dustless

communities have been wound, But removing salt water from A bitumen mine in the hills gotten, rerouted and repaired for another problem. more than 100 years. They have

It has always been a chore to would wet down the streets. maintain the streets. While The machine's apparatus and Concrete was expensive and

comfortably driveable was to with the wave action providing ible.

weigh the dust down with water. the muscle-power that forced the From salt to asphalt, footpath The most effective was salt water into the storage tank. to fireplug and from boarded water-which was both abundant Although costly to build, the walk to concrete curb-streets and extremely cheap in Santa wave machine was economical have always expressed how well Cruz County. Salt water (it cost nothing to run the pump, a town knows itself, and are deposited on city streets mixed and there was no charge for salt visual displays of either pride or with humidity in the air and left a water) but by 1900, county engisticky salt substance that helped neers were experimenting with Streets of Santa Cruz County keep dust on the ground.

widened, cracked, flooded, for- the ocean in large quantities was north of Santa Cruz provided

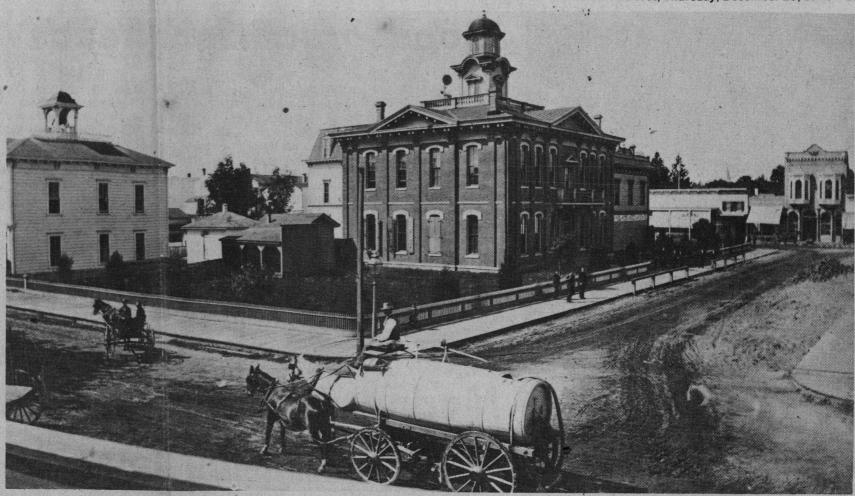
pounded by horses; paved and was made to create the county's after it was boiled in tanks. lined with parked cars. They first alternate energy system. A After Santa Cruz Portland have filled with ruts and fallen off "wave machine," was built as an Cement Company (now Lonestar cliffs. The streets have been experiment at Black Point off Industries) opened in 1906 with a dumped with garbage, torn by East Cliff Drive in Live Oak. The company town at Davenport, storms and marched upon by machine, or wave motor, was de- Portland cement became easily parades. They have served as signed to pump water from the available for construction of conimpromptu playgrounds for gen- ocean to a large tank, and from crete roads. Concrete roads the tank to the waterwagons that appeared in Santa Cruz County

newer paving techniques.

wagon-loads of paving material for city streets. The pavement been turned into mud and Just before 1900, an attempt was smoothed on the surface

early in the 1920s.

county roads were unpaved, it re- water tower were later moved tended to crack, but was longquired a bit of ingenuity to keep and operated at a site off West lasting under normal conditions. travel about town a bearable ex- Cliff Drive in Santa Cruz, where By the 1950s, county streets and remains of the pump's shaft can roads were paved with asphalt Early residents discovered the still be seen. It functioned much concrete-which is more selfbest way to make a dirt road the same way as a hand-pump, sealing, smoother and more flex-

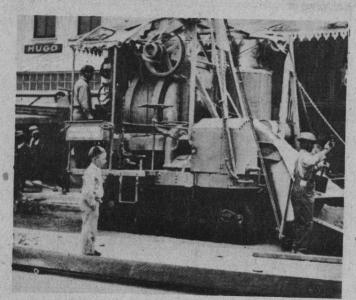


Wagons hauling water were used to keep the streets free of flying dust. This photo was taken before 1880 at Front and Cooper St., Santa Cruz.





Bitumen was used for the paving of Front Street, Santa Cruz, in the spring of 1916.



This was an odd-shaped cement mixer used for a paving job on Pacific Avenue, Santa Cruz, about 1924.

## Drink and drive at your own peril

The drinking driver has been given top priority by highway patrolmen over the Christmas and New Year's holiday weekends.

"If you drink and drive, we can almost promise you are going to be stopped," said highway patrol commander Capt. Don E. Anderson, in a holiday message to motorists today.

Extra patrolmen will on duty and officers will be working 12-hour shifts to concentrate on getting drunk drivers off the road. Anderson said.

## Court maneuver delays trial

A further court action seeking a change of venue for murder and rape suspect Richard A. Sommerhalder, 29, of Rio del Mar, will delay a rape trial set for next month.

Judge Charles Franich, of Santa Cruz County superior court, has denied a change of venue for Sommerhalder in both of Sommerhalder's trials, one for murder of two women and the second for rape of two other women.

The judge was informed Tuesday, that the state appellate court has upheld his decision, but defense lawyer Gerald Christensen said he has now taken the appeal to the state supreme court.

The "wave machine" was an early county attempt at an alternate energy system. This photograph was taken in 1905 west of Lighthouse field on West Cliff Drive in Santa Cruz.

