

Public Works Needs Listed By City Manager

123 Projects Included In Long Range Program; Some Proposals Will Require New Bond Issues

What public works projects are needed in Santa Cruz to keep pace with the continued growth of the city?

Every city councilman, every department head, and many civic-minded citizens have run up against this problem. At every budget session, the desirability of a number of public works projects was weighed against financial feasibility. Many a councilman and city official has expressed the wish for a comprehensive list of public works, in which priorities could be assigned and finance needs gauged as closely as possible.

Last night, City Manager Neal D. Smith submitted such a list to the city council. Worked out by Smith together with a committee of department heads, the list represents the consensus of opinion of the entire group. In a brief introduction, Smith states that "a few items have been included because of public demand," but "most of the items on the list are definitely needed and should be accomplished as soon as possible."

"Financing, of course, will be the big problem," Smith states. "Part should be financed from current revenue each year, but part will be dependent upon future financing authorized by the voters."

The list includes 123 projects in eight categories. They are listed in priority order within each group. The report lists 29 streets projects, 20 sewer, 14 flood control and drains, 19 buildings and structures, three for street lights, five for traffic signals, 25 for the water department, and eight miscellaneous.

In conclusion of his report, Smith points out that "it is extremely important that the city engineer's office be well staffed, that the knowledge and experience of the engineers in the department be retained, and that the engineering planning for the future be carried on actively." He says that as a result of the manpower situation created by World War II, the city engineer's office "practically had to start over again in 1948, with new men who had no previous knowledge of the city and with many records incomplete and in some instances in error."

"I trust," Smith states, "that the city council will never underestimate the necessity for getting the best men possible and keeping them, so that the work of the city can progress effectively and efficiently."

Because of the city-wide interest and importance of the Smith report on public works. The Sentinel-News herewith lists the projects, with priorities set up under each general heading.

STREETS

1. Primary crusher, rock plant, \$10,000. Financed from general fund. Now under construction.

ened the support for West Cliff drive above will go.

19. Bay street, Columbia street to West Cliff drive, widening. Gas tax funds.

20. Bay street, Meder street to Escalona drive, widen and realign. Gas tax funds.

21. Cathcart street, Pacific avenue to Front street, widening. Gas tax funds. Will involve heavy right-of-way cost.

22. Freeway, Morrissey boulevard to state highway 17. A state project scheduled for construction sometime after 1953.

23. Water street, Ocean street to Plaza, widening. This should be done by the state unless a river crossing is provided north of Water street and connection made to Mission street or to a new bypass route. Present Water street bridge shows signs of failure at east abutment.

24. Widen jog, Seabright and Atlantic avenues. General fund budget.

25. Seabright avenue, Gault street to Pine street, widening. Gas tax fund.

26. Second street, Cliff street to Dolphin street, \$6000. To be financed by adjacent property owners.

27. Widening of Soquel avenue bridge. Needed, but a long way off.

28. New river bridge. A new bridge below Soquel avenue, perhaps at Broadway, might take the place of widening the Soquel avenue bridge.

29. Broadway extension across Arana gulch. In the event of annexation of the Twin Lakes and Live Oak districts, the extension of Broadway across Arana gulch would make the new areas a more integral part of the city.

SEWERS

1. Laurel street relief sewer, \$29,000. Financed from Sewer Construction fund and contribution by Union Ice company. Project completed except for final cleanup.

2. Fair avenue, Wanzer street, Modesto avenue trunk sewer, \$20,000. Financed from Sewer Rental fund. Cash deposit of \$20,000 made by Glenn Coolidge and associates to be refunded, 1-35th for each house connected to sewer west of

join at Bethany curve in the tunnel leading to the sewage treatment plant. Additional capacity must be provided by an additional line in the tunnel.

12. Repairs to 30-inch outfall line in tunnel. Sewer construction fund and/or sewer rental fund. This line is under sufficient head at times to have caused it to fail in places. Extensive repairs may be required.

13. Outfall sewer. Sewer construction fund and/or sewer rental fund. Existing outfall sewers are deteriorated and are discharging too close to shore. Enlarged outfall discharging much farther out is needed.

14. Hagemann avenue relief sewer, \$7000. Sewer construction fund and/or sewer rental fund. Required to supplement existing inadequate sewer east of Frederick street.

15. San Lorenzo river crossing and lift station, \$45,000. Sewer construction fund and/or sewer rental fund. Will permit lowering of San Lorenzo river channel.

16. Seabright district relief sewer, \$60,000. Sewer construction fund and/or sewer rental fund. Two 12-inch sewers empty into one 12-inch sewer in the Seabright area. This sewer will provide added capacity to the San Lorenzo river crossing.

17. River street industrial sewer. Present sewer on River street now overflows during storms. If the industrial district in the River street area develops and additional sewer capacity is required, it will probably mean the construction of a new line all the way to the sewage treatment plant.

18. East San Lorenzo replacement sewer, \$20,000. Sewer construction fund and/or sewer rental fund. This was proposed in connection with the 1946 bond issue but its value appears problematical. It would permit lowering the sewer crossing of Branciforte creek.

19. Outfall (Bypass) line. To provide additional capacity from sewage plant to ocean outfall. Considered in 1946 bond issue.

20. Pasatiempo trunk sewer. In the event of annexation of Pasatiempo.

FLOOD CONTROL AND DRAINS

(References to flood control fund are to existing fund under present charter provisions and funds to be raised by future tax for flood control and erosion prevention. References to flood prevention tax are to portion of tax levy specified for storm drain construction in amendment proposed by the flood control and river beautification commission).

1. Branciforte creek. Flood water is causing erosion endangering property at several locations. To be financed from flood control fund and/or assessment against benefited property.

2. Coral street drain. To replace existing inadequate and failing drain from railroad tracks to river, which now passes under Marini's house and across Campbell prop-

dividual cases. Flood control fund.

8. Miramar drive drain. Miramar drive from Alta Vista drive to Mission street. Will take much of the flood water out of Linda Vista tract.

9. Seabright avenue drain. Present drains from Seabright avenue between Pine street and Wood street are inadequate. Extent of this project will be determined by effect of Soquel avenue relief drain on amount of water going down Seabright avenue. Flood prevention tax if approved.

10. Neary lagoon outlet. Present outlet consists of wooden box culvert in bad shape and located so that it is closed by sand much of the time. New outlet must be designed so as to remain open at all times. Flood control fund and/or general fund budget.

11. Walnut avenue relief drain. This project will collect surface water from King street and Mission street in the vicinity of Walnut avenue and carry it to the Neary lagoon area. This will relieve the condition existing on Crystal terrace, Rincon street and Center street. Flood prevention tax if approved.

12. West Side drainage district. This project will cover the area from Bay street to Woodrow avenue and from California to West Cliff drive. The area is very flat and drainage is poor. An underground drainage system taking the surface water from paved streets is the ultimate answer. To be financed by assessment district proceedings and/or flood prevention tax if approved.

13. Harrison avenue storm drain. From south end of Delview to Soquel avenue relief drain. Flood prevention tax if approved.

14. Almar avenue drain. Section 1 would be from Mission street to the railroad crossing. Section 2 would be from Almar avenue and the railroad crossing to Delaware avenue and Bethany curve. Value of property affected by flooding in section 2 is not great and may be less than cost of drain. Flood control fund.

1. Shelter for radio servicing, \$550. To be constructed adjacent to city electrician's office. Budgeted in 1951-52.

2. Auditorium back wall, \$1500. Acoustical treatment of back wall will provide better sound conditions in auditorium. Budgeted in 1951-52.

3. Paint exterior of city hall, \$3300. To be financed from unbudgeted reserve. The exterior of the city hall has not been painted since its original construction.

4. Auditorium and fire station gallery roofs, \$1250. Budgeted 1951-52. To remedy improper construction of original building.

5. Twin Lakes library facilities. Small amount budgeted in 1951-52 library budget. To be done as soon as it is determined what is wanted, if funds are sufficient.

6. Wharf extension. General fund

12. Auditorium, additional room. General fund budget. A room above the furnace room will provide additional meeting room facilities for the auditorium.

13. City hall addition. Additional city hall space can be provided by extending the south wing to correspond with the north wing.

14. Library addition. Library is now crowded and short of storage space.

15. Wharf warehouse building. General Fish company warehouse building is old and fast deteriorating. Some type of replacement will be required in course of time.

16. Swimming pool. A public swimming pool, jointly financed and used with the city schools, will fill a community need. Fund No. 88 now contains \$5 toward such a pool.

17. Community center. A community building which could be the center of recreation activities for both young and old will fill a community need.

18—Wharf extensions. Widening of wharf for about 200 feet on east side from city landing to Stagnaro landing. This will provide space for additional large boats. General fund budget.

19. City hall addition. Building is designed so that a second floor can be constructed over the center section of the city hall.

STREET LIGHTS AND TRAFFIC SIGNALS

Street Lights:

1. Beach street electroliers. \$2500. Present concrete posts are deteriorating and may actually be dangerous. Modern type poles and fixtures will provide greatly improved lighting for same operating cost. To be financed from general fund budget and/or assessments against adjacent property.

2. Pacific avenue electroliers. Present system obsolete and ineffective. Modern type poles and fixtures will provide greatly improved lighting and dress up the business district. To be financed from general fund budget and/or assessments against adjacent property.

3. Soquel avenue electroliers. Same as Pacific avenue.

Traffic Signals:

1. Traffic signals at Pacific avenue and Laurel street, \$2500. To be financed from general fund budget and/or gas tax fund.

2. Traffic signals at Plaza, \$15,000. This will be a co-operative project between state and city. Installation will also control intersection of Center and Mission streets.

3. Traffic signals at Pacific avenue and Cathcart street, \$2500. General fund and/or gas tax fund.

4. Traffic signals at Mission and Bay streets, \$2500. General fund and/or gas tax fund.

5. Traffic signals at Mission and Laurel streets, \$2500. General fund and/or gas tax fund.

WATER DEPARTMENT

1. Impounding storage—Zayante storage reservoir, \$1,200,000 (will

b. Soquel avenue, Ocean street to Morrissey, \$20,000.

c. Seabright avenue, Soquel avenue to Murray street, \$15,000.

9. Distribution mains, replacement of mains in poor condition, about \$40,000 per year (this depends on number of main extensions and subdivisions).

10. Special projects — Branciforte drive main, \$55,000.

11. Other facilities — pipe yard, \$10,000.

MISCELLANEOUS

1. Garbage dumping ramp and road. Funds are budgeted for this project this fiscal year but construction will not be possible until next year. This project is necessary due to the filling up of the canyon at the present dumping site. General fund budget.

2. DeLaveaga park development. A long range program of development financed from annual budgets. Improvements will probably include more individual barbecues and picnic facilities, playground equipment, rest rooms, storage warehouse, and other items as recommended by the recreation commission from time to time.

3. Pave lot at East Side fire station, \$500. To provide paved area for washing hose, cleaning equipment, and training. General fund.

4. Storage yard for construction materials — Southern Pacific property near sewage treatment plant might be suitable. General fund.

5. Beach acquisition. Cowell beach and most of the sand beach area adjacent to Beach street between the Casino and the Ship Ahoy cafe are privately owned. This should be acquired for public ownership so that the public can never be excluded from it. Funds are available from the state department of beaches and parks on a matching basis. The perpetual easement to the public for the beach outside of the boardwalk area, from Main street to the San Lorenzo river, might be usable as matching value. Reclassification of the beach into Priority No. 1 of the county master plan for shoreline development, by the county board of supervisors, is necessary before it can be considered for state financing.

a. Completion of cross city main, \$50,000.

b. Mission street, \$35,000.

c. Laurel street, California to Pacific, \$25,000.

d. 12-inch main, Ocean street, from Water street to Soquel avenue, \$18,000.

e. 12-inch mains, Washington and Pacific avenue from Beach street to Laurel street, \$25,000.

f. 24-inch main, pumping plant to cross-city main, \$35,000.

g. 12-inch main, Soquel avenue from Morrissey boulevard to Marne avenue, \$10,000.

8. Distribution mains, cement-mortar lining:

a. High street, \$9500 (under contract).

6. Downtown park. Acquisition of some five and one-half acres on the east side of the San Lorenzo river south of Water street has been recommended by the recreation commission. Initial cost of the land is about \$30,000. Development would be on a gradual basis out of the annual general fund budget.

7. Off-street parking. Parking problems in the downtown area are not critical enough to justify public parking lots at present. When the present metered areas do not provide parking space available at all times, then public parking lots should be provided.

8. Airport. Property has been acquired except for a few scattered lots.

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2. Pacific avenue, Front street to Third street, \$4400. Financed from gas tax funds. Construction to start this month.

3. Resurface seven miles of paved streets, financed from general budget funds. Approximately one mile complete, remainder to be completed in 1952.

4. Bridge across Branciforte creek on Water street. Financed one-third from gas tax funds and two-thirds by state. Construction to start about June.

5. Laurel street, Blackburn street to Pacific avenue, \$21,500. Gas tax funds. Scheduled for summer of 1952.

6. High street, Spring street to Storey street, \$45,000. Gas tax funds. Will include widening roadway to 40 feet and straightening of curves. Scheduled for summer of 1952.

7. Residential streets, \$15,000 per year. General fund budget. This is for street improvements under the policy established by Resolution NS-627 and will depend upon the rate at which property owners install curb and gutters.

8. East Cliff drive, Bixby street to Ocean Villa bridge, \$11,300. Gas tax fund. Scheduled for summer of 1952.

9. Front street, south of Spruce street to Pacific avenue. Gas tax funds as soon as right-of-way is made available by adjacent property owners.

10. High street, Storey street to Sylvar street. Gas tax funds. Will require storm drain installation connecting to Josephine street drain, only a part of which can be financed from gas tax funds.

11. High street, Spring street to West city limits. Present street is narrow and has several sharp curves. This should be a county project as most of the traffic is from the unincorporated area.

12. Soquel avenue, San Lorenzo river to Cayuga street. General fund budget. This is a resurfacing project necessary to protect the existing pavement.

13. Chestnut avenue, Laurel street to Center street. General fund budget. This will require the replacement of the entire railroad track structure by Southern Pacific railroad.

14. Ocean street, Plymouth street to Coloma street, widening. To be financed entirely by the state highway department.

15. Beach street extension to West Cliff drive. Gas tax funds. Will require right-of-way from Henry Cowell Lime and Cement company.

16. Prevention of erosion endangering East Cliff drive and West Cliff drive, cost unknown. Might be partially financed from flood control and erosion prevention tax.

17. Retaining wall, Murray street at Mott avenue. General fund budget. Murray street is now supported by a wooden bulkhead which has rotted and will eventually fail.

18. Washington street retaining wall. General fund budget. Present concrete retaining the bank is deteriorated. Unless this is strength-

ent complete.

3. Air gap system, sewage treatment plant, \$2000. To be financed from Sewer Construction fund. This is a requirement of the state board of health in connection with our water system permit.

4. Branciforte creek sewer pumping station, \$9000. Sewer Construction fund. Needed to eliminate the yearly washing out and replacement of the sewer line across Branciforte creek.

5. DeLaCosta avenue sewer. To be financed by 1911 assessment district proceedings, with or without a contribution from the sewer rental fund. Consideration should be given to a pumping station into the Fair avenue-Wanzer trunk sewer as an alternate to the tentative plan prepared.

6. Wharf sewer, \$10,000. To be financed from wharf budget, capital outlay. Will require two pumping stations. Storm of March 14, 1952, damaged wharf considerably. Pumping stations under the wharf would probably have been damaged had they been installed.

7. North East sewer district. 1911 improvement district proceedings with contribution from sewer rental fund to cover the trunk sewer portion of the project.

8. Mission street sewer, \$20,000. Sewer rental fund. To be constructed whenever Wrigley company can start its plant construction. Plans are complete.

9. Chlorinator, sewage treatment plant. Sewer construction fund. The plant contains a single chlorinator which is now being used to capacity. In case of breakdown we would be unable to disinfect the sewage effluent.

10. Grit removal facilities. Sewer construction fund. Provision for the removal of grit was not made in the plans for the new sewage treatment plant. The extremely large amount of storm water flowing to the plant brings large amounts of sand and other solid material which is damaging the pumps and is filling the primary digester. Plans should be developed for grit removal facilities and installation reasonably soon.

11. Trunk sewer, Bethany curve to sewage treatment plant. Sewer rental fund. A number of sewers

erty. To be financed from flood prevention tax if charter amendment is approved in June.

3. Josephine street drain. Present drain from Amat and Potrero streets is so inadequate that flooding occurs nearly every hard rain. Drain should be continued down Josephine street to the river in order to eliminate open drain ditch. Drain should also be extended up Potrero street to High street, then up High street to Storey street. To be financed from flood prevention tax if approved and gas tax fund.

4. Pump station, East Cliff drive and alley east of Jessie street. To pump storm water into San Lorenzo river when river level is above street grade. Flood control fund if approved.

5. Mission street drain. To pick up drainage on Mission street between alley east of King street and Berkshire avenue and to discharge into Almar avenue drain ditch. Flood prevention tax if approved.

6. Soquel avenue relief drain. To remove large quantity of water accumulating at Soquel avenue and Morrissey boulevard. This should relieve the flooding at Soquel and Seabright avenues and on Soquel avenues west of Seabright, and reduce the flooding on Seabright avenue. Flood prevention tax if approved.

7. San Lorenzo river dikes. Construction of dikes along banks of San Lorenzo river will give some protection to low areas along the river. In some instances pump stations will be required to dispose of storm water which would accumulate back of the dikes. Cost of dikes should be balanced against damage which might occur in in-

8. Wharf extension. General fund budget. Continue widening of wharf from Seabreeze fountain to intersection with outer portion of wharf.

7. Wharf Buildings. General fund budget. Replace Paladini's and Look's Den buildings on new portion of wharf.

8. Fire station No. 3, \$40,000. General fund budget. Property acquired. Will require one additional pumper and additional crew. Funds for preparation of plans should be provided in 1952-53 budget.

9. Fire station No. 1 addition, \$8000. General fund budget. Space for fire department offices is needed on the ground floor.

10. Museum, \$70,000. If approved by voters in June, 1952. Old museum building in decrepit condition.

11. Auditorium, stairs to alcove rooms. General fund budget. Only access to these rooms now is from main auditorium which limits their use during occupancy of main auditorium.

storage reservoir, \$1,200,000 (will require a bond issue).

2. Treatment plant.

a. addition of two new pressure filters, \$15,000 (under construction).

b. replacement and addition of pumps, \$15,000 (\$8000 on order, balance in next five years).

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