

PROCEEDINGS OF THE BOARD OF DIRECTORS
COUNTY OF SANTA CRUZ
FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 5
GOVERNMENTAL CENTER BUILDING, ROOM 525
9:15 A.M.

August 24, 1999

*****f*****

- A. Roll Call
- B. Consideration of Late Additions
- C. Additions and Deletions

- 1. AS THE BOARD OF DIRECTORS OF THE SANTA CRUZ COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 5, approve minutes of August 3, 1999
- 1.2 AS THE BOARD OF DIRECTORS OF THE SANTA CRUZ COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 5, accept the Zone 5 Master Plan; approve the Zone 5 Capital Improvement Program of drainage improvements; and direct the District Engineer to report back at the December 7, 1999 meeting with the Zone 5 Capital Improvement Program of drainage improvements project list
- 1.3 ORAL COMMUNICATIONS - The Board will receive Oral Communications following completion of all other **items** on the Agenda. Any person may address the Board during its Oral Communications period. Presentations must not exceed five minutes, must be directed to an item not listed on today's Agenda, and must be within the jurisdiction of the Board. Board members will not take action or respond immediately to any Oral Communications presented, but may choose to follow up at a later **time**, either individually, or on a subsequent District Agenda.

0272

ACTION SUMMARY MINUTES
COUNTY OF SANTA CRUZ
FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 5

August 3, 1999

- A. Roll Call
Voting Members Present: Director Beautz, Symons, Wormhoudt, Campos, Hazelton and Almquist
Voting Members Absent: Gualtieri
- B. Consideration of Late Additions
- C. Additions and Deletions
- D. Oral Communications: None

- 1. AS THE BOARD OF DIRECTORS, SANTA CRUZ COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 5, APPROVED minutes of June 18, 1999

Motion made by Director Wormhoudt, duly seconded by Director Beautz:
 Ayes: Beautz, Symons, Wormhoudt, Campos, Hazelton and Almquist
 Noes: None
 Absent: Gualtieri
 Abstain: None

- 1.1 AS THE BOARD OF DIRECTORS, SANTA CRUZ COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 5, ACCEPTED AND FILED report containing additional details of the 1999/2000 Zone 5 budget

Motion made by Director Beautz, duly seconded by Director Almquist:
 Ayes: Beautz, Symons, Wormhoudt, Campos Hazelton and Almquist
 Noes: None
 Absent: Gualtieri
 Abstain: None

- 1.2 ORAL COMMUNICATIONS - No one addressed the Board

APPROVED: _____
 CHAIRPERSON, ZONE 5 BOARD

ATTEST: _____
 CLERK OF THE BOARD

DATE: _____



County of Santa Cruz (275

FLOOD CONTROL AND WATER CONSERVATION DISTRICT - ZONE 5

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 950604070
(631) 454-2160 FAX (631) 454-2365 TDD (631) 454-2123

JOHN A. FANTHAM
DISTRICT ENGINEER

AGENDA: AUGUST 24, 1999

August 13, 1999

BOARD OF DIRECTORS-ZONE 5
SANTA CRUZ COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT
701 Ocean Street
Santa Cruz, CA 95060

SUBJECT: ZONE 5 MASTER PLAN

Members of the Board:

As directed by your Board during budget hearings, we present today the Zone 5 Master Plan and the District Engineer's recommendations for Capital Improvement Program (CIP) projects. A copy of the Master Plan is on file with the Clerk of the Board.

KVL Consultants, Inc., (KVL) produced the Master Plan for the District. In preparing the Master Plan, KVL divided Zone 5 into seven major drainage basins for hydrologic analysis. Hydraulic evaluations were conducted of all pipe systems which include pipes of 30" in diameter or larger, as well as connected smaller pipe systems. Through these methods the Master Plan's findings indicate that 80 percent of the systems evaluated have sufficient capacity to accommodate at least a 10-year storm.

Based upon the foregoing analysis, the Master Plan makes recommendations for improvements to existing storm drain facilities through the year 2010. These recommendations, combined with the existing Capital Improvement Program list, form the basis of the drainage project recommendations shown in Exhibit "A" as "funded," and "unfunded" projects. The list of "funded" projects reflects our estimate of the funds available to undertake the recommended projects through the year 2010. Funding for these projects is made available through a five-year annual \$0.05 per square foot increase in the impervious area fee, approved during the last budget hearings, and funds previously earmarked for these improvements.

The current Master Plan does not consider the effects of four major storm water detention basins and additional localized, small pipe and surface systems. Additional work on the Master Plan will be required, with KVL's assistance as necessary, to ensure that the final Master Plan will yield a more complete baseline for planning and management of Zone 5 facilities and enable District staff to set more efficient priorities for drainage improvement projects.

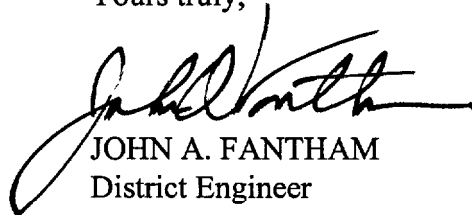
1.2

In addition, as your Board may know, the County of Santa Cruz is required to begin implementation of an urban runoff program in compliance with the Federal National Pollutant Discharge Elimination System (NPDES) Phase II regulations by March 1, 2003. One facet of such an urban runoff program will be the more efficient mapping and management of storm water facilities, such as those existing and proposed in Zone 5. As part of the Master Plan, a computer-based Storm Water Facilities Management System was developed. This will help facilitate the more efficient mapping and management of Zone 5 drainage facilities in compliance with NPDES Phase II regulations.

It is therefore recommended that the Board of Directors of Zone 5 of the Santa Cruz County Flood Control and Water Conservation District take the following action.

1. Accept the Zone 5 Master Plan.
2. Approve the Zone 5 Capital Improvement Program of drainage improvements as recommended by the District Engineer.
3. Direct the District Engineer to report back at the Zone 5 Board of Director's December 7, 1999, meeting with the Zone 5 Capital Improvement Program of drainage improvements project list arranged by priority.

Yours truly,

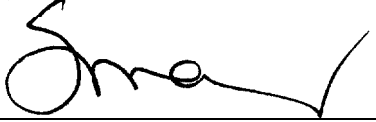


JOHN A. FANTHAM
District Engineer

GG:mg

Attachment

RECOMMENDED FOR APPROVAL:



County Administrative Officer

copy to: Zone 5 Board of Directors
Attorney Richard Manning, City of Capitola
Public Works Department

CIP #	DESCRIPTION	ESTIMATED COST
<u>FUNDED</u>		
D3001	41ST AVE, SPRR TO COURT DR	315,000
D3004	SOQUEL AVE, (NIGH LUMBER SITE) MATTISON AVE TO RODEO GULCH	170,000
D3005	UPPER MISSION DRIVE (LIMIT CHANGE)	80,000
D3011	34TH AVE AT YUCCA DRIVE - DRAINAGE IMPROVEMENTS	215,000
D3012	GROSS RD, ROADWAY TO RODEO GULCH	70,000
D3013	KINSLEY ST, CHANTICLEER AVE TO 17TH AVE	260,000
D3016	BOSTWICK LANE, ROADWAY TO ARANA GULCH	182,000
D3017	VENICE DR @ CHANTICLEER AVE	40,000
D3022	DEE ST @ THOMPSON AVE	25,000
D3023	ROLAND AVE @ 32ND AVE	45,000
D3024	WINKLE AVE @ SOQUEL DR, SOQUEL DR TO BENSON AVE - DRAINAGE IMPR	285,000
D3026	14TH AVE CUL-DE-SAC	60,000
D6501	MONTEREY AVE, DOWNSTREAM IMPROVEMENTS	70,000
D6502	MULBERRY LANE/PARK AVENUE CHANNEL - EROSION CONTROL	25,000
D6503	CORY STREET TO RESEARCH PARK DRIVE	135,000
D6504	ROSEDALE AVE/ORCHARD ST/HIHN RIGHT-OF-WAY - DRAINAGE IMPR	195,000
D9001	BAY AVE/NOBLE GULCH, INTRSCNTN TO SOQUEL CRK - DRAINAGE IMPR	535,000
D9002	CAPITOLA ESPLANADE PUMP SYSTEM	160,000
•	7TH AVE ABOVE RODRIGUEZ (SPCA)	250,000
*	38TH AVE, FLORAL AVE TO E. CLIFF DR OUTFALL	320,000
TOTAL ESTIMATED COST		3,437,000

<u>UNFUNDED</u>		
D6505	SOQUEL CREEK FLOOD CONTROL PROJECT (U.S. ARMY COE FUNDING?)	2,000,000
D3003	CORCORAN - NORTH END TO PORTOLA - ENCLOSE DITCH	85,000
D3014	PORTOLA DR @ 32ND AVE - CURRENTLY PRIVATE PROPERTY	110,000
D3015	VOLZ LANE - CURRENTLY PRIVATE PROPERTY	65,000
*	CAPITOLA AVE/BAY/ROSEDALE/MONTEREY	200,000
*	PORTER GULCH @ SOQUEL DR	150,000
*	E. CLIFF DR. ALONG ROCKVIEW	150,000
TOTAL ESTIMATED COST		2,760,000

<u>CHANGE STATUS</u>		
D3002	GROSS RD./COFFEE LANE -TO BE DONE BY DEVELOPER	
D3006	CAPITOLA RD/CLARES ST/DEANES LN - LAST PART DEVELOPER INSTLD	
D3007	SOQUEL AVE TO ARANA GULCH - OK AFTER DEVELOPER DONE	
D3019	32ND AVE, HAWES DR TO E. CLIFF DR. - CURRENT RDA PROJECT	
D3020	30TH AVE, SCRIVNER STREET TO E. CLIFF DR. - CURRENT RDA PROJECT	
D3021	33RD AVE, HAWES DR TO E. CLIFF DR. -CURRENT RDA PROJECT	

* Added by Master Plan

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