

Managed Shoreline Retreat

Surfers' Point, Ventura, CA

Presented by: Paul Jenkin

Ventura Campaign Coordinator

Surfrider Foundation



Surfrider Foundation

Ventura County Chapter







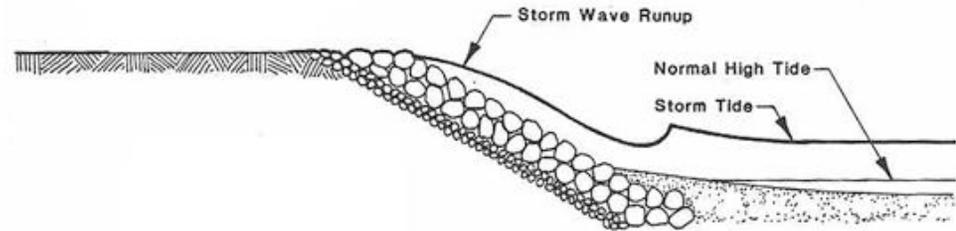
1989



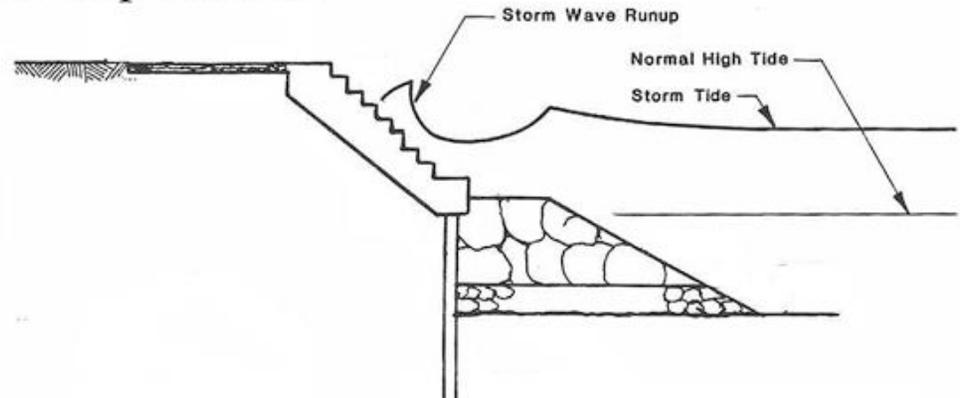


1995
options:
Typical
response
to
coastal
erosion

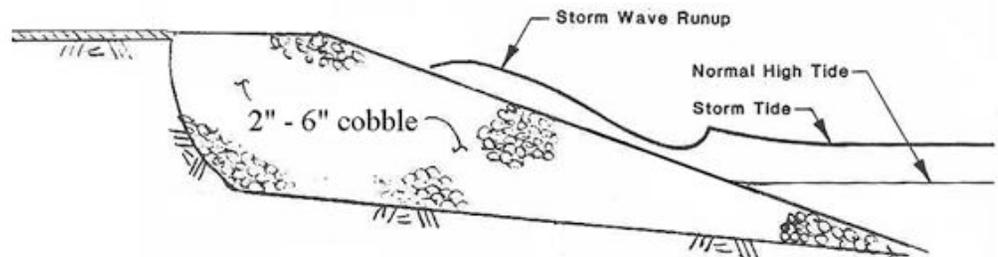
1. revetment



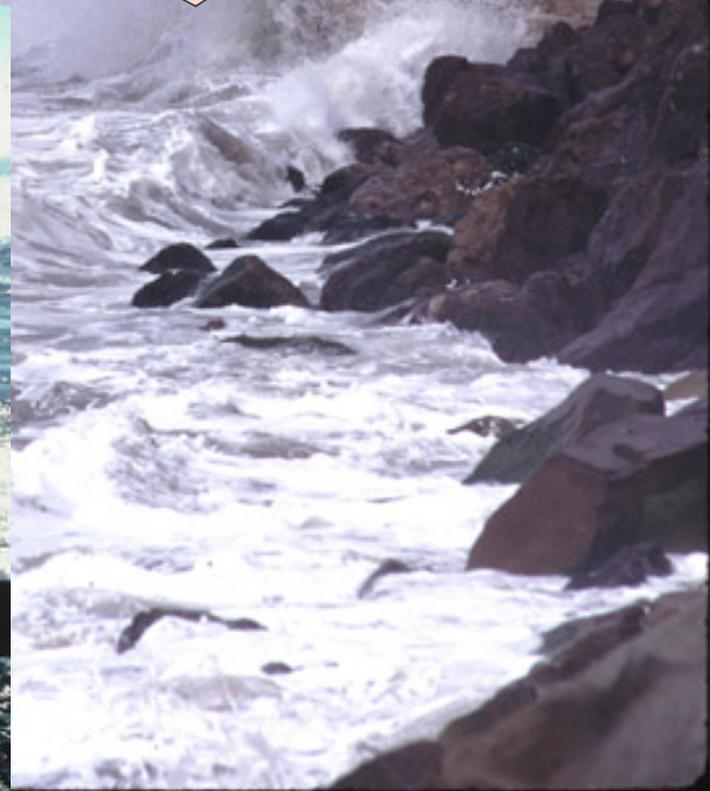
2. step seawall



3. cobble berm



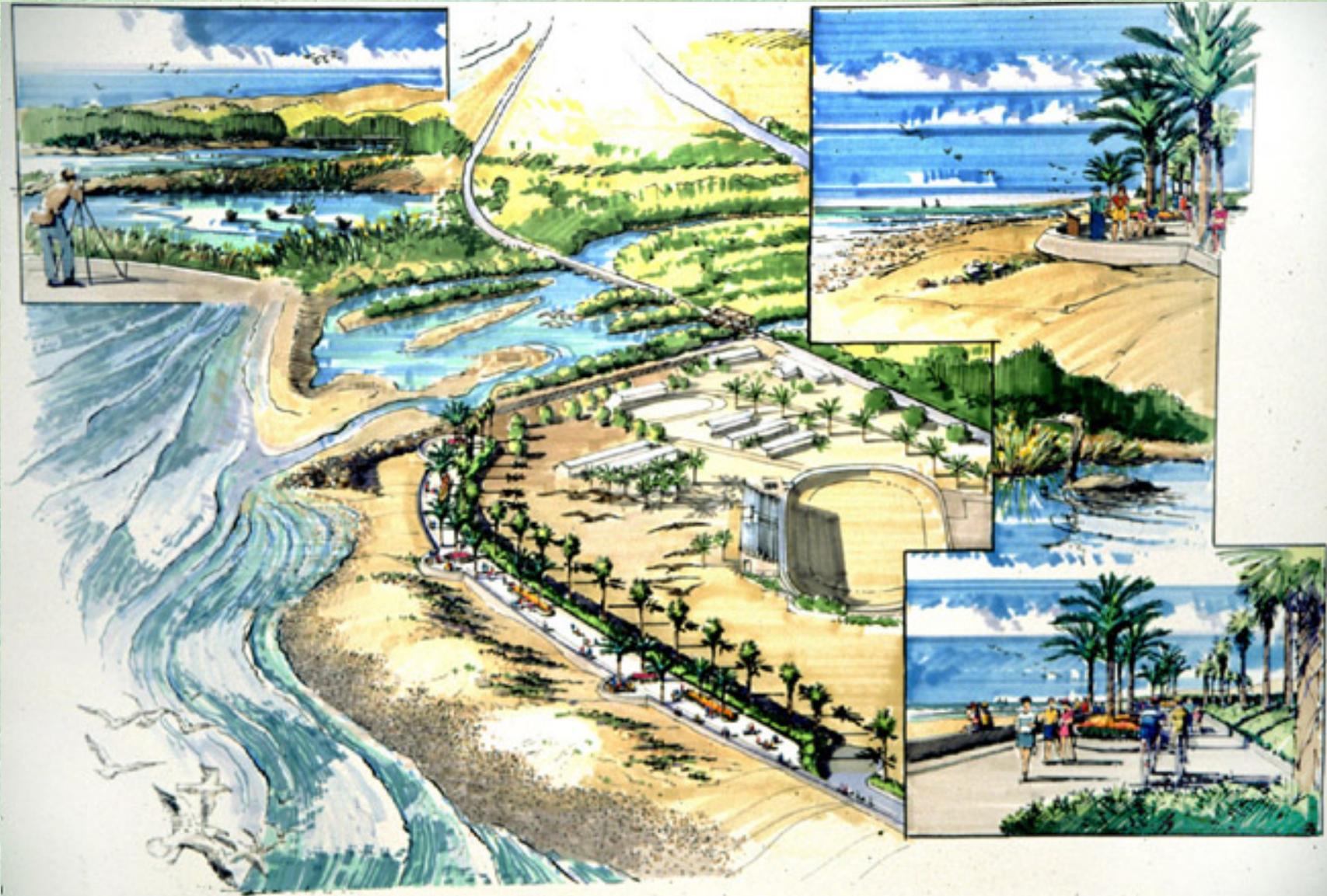
The future...



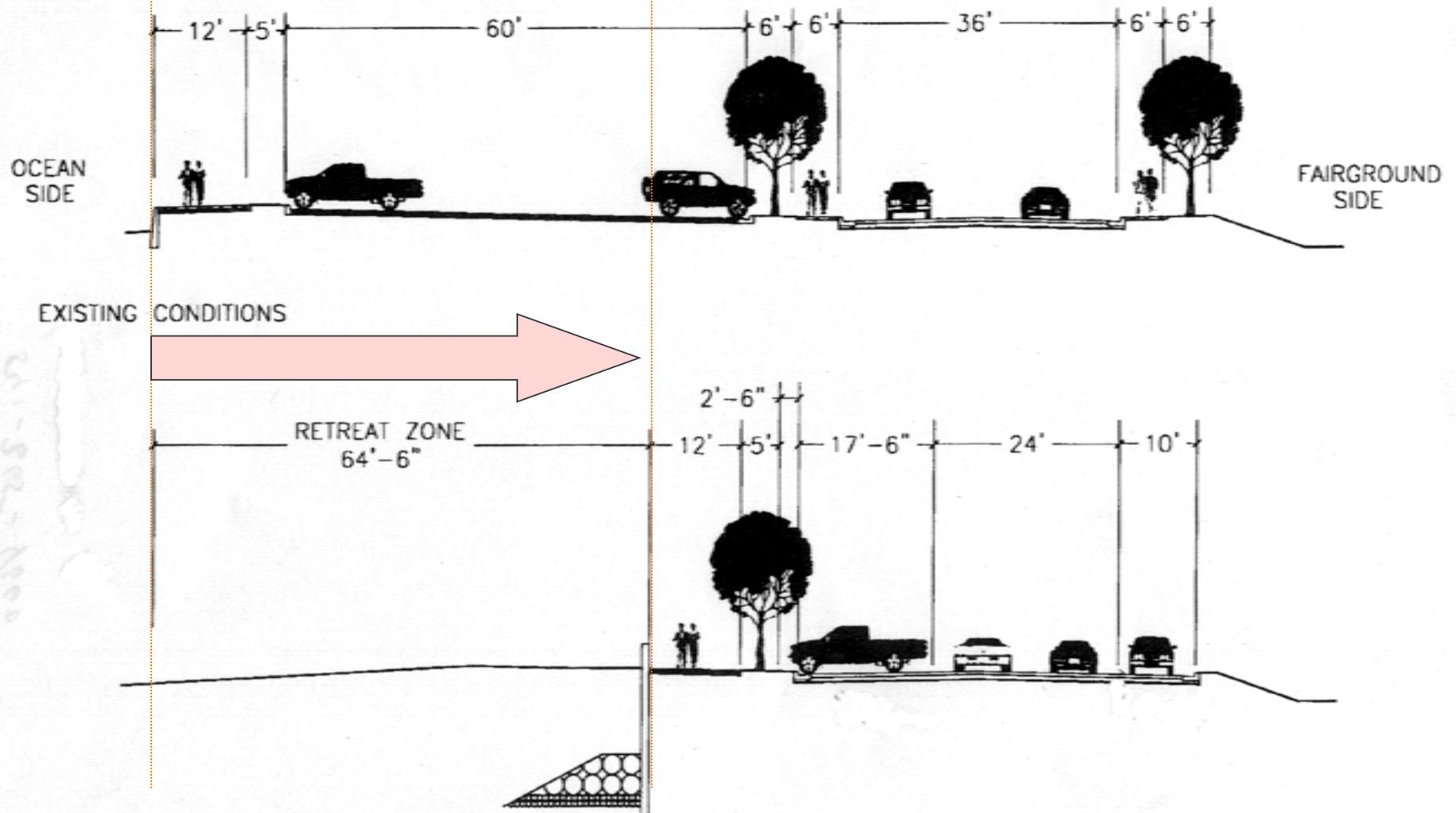
...1995 - a bike path or a beach?



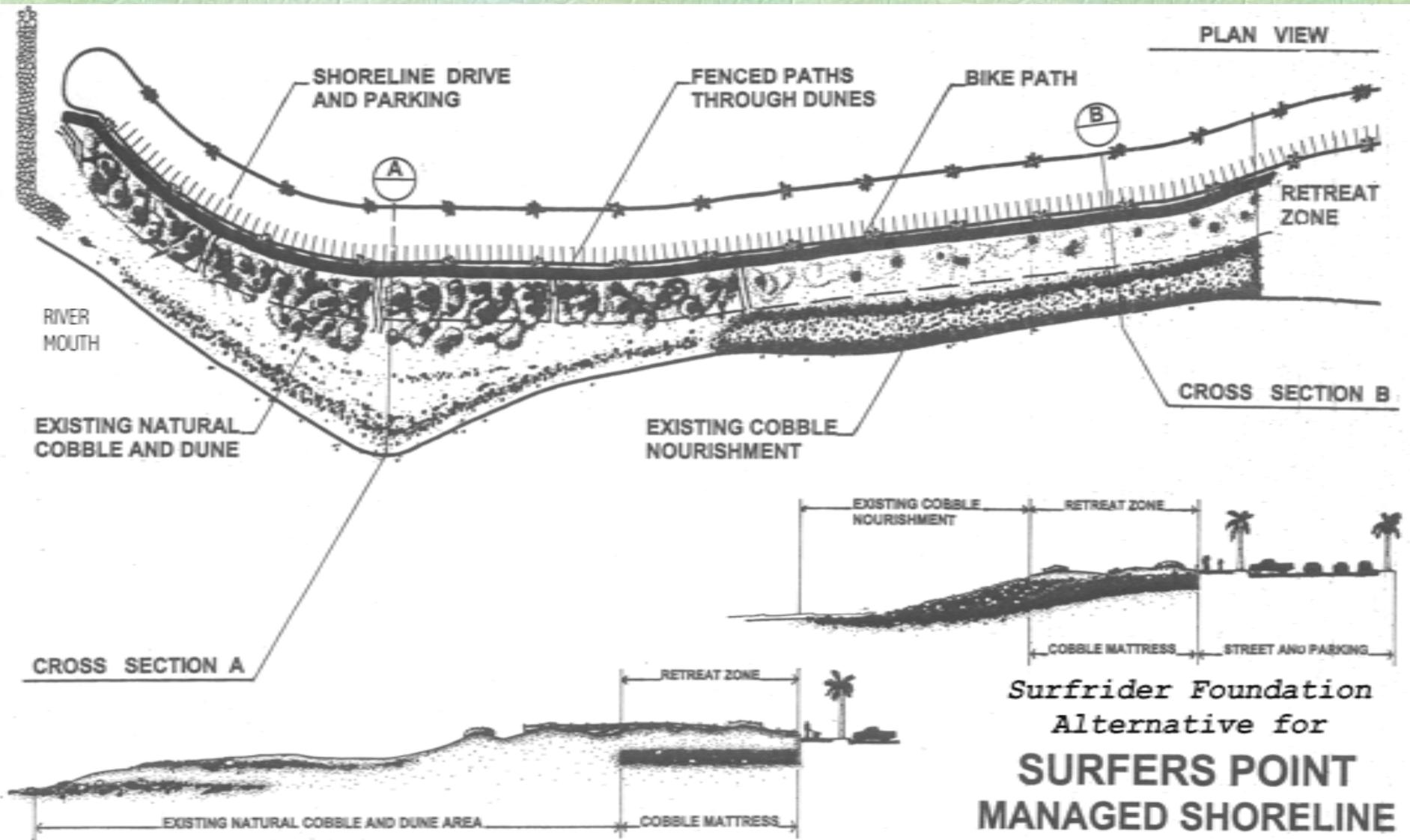
"managed retreat"



managed retreat: relocate infrastructure

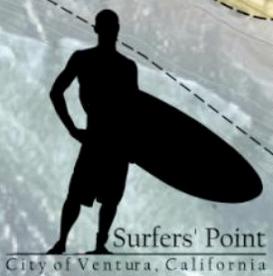
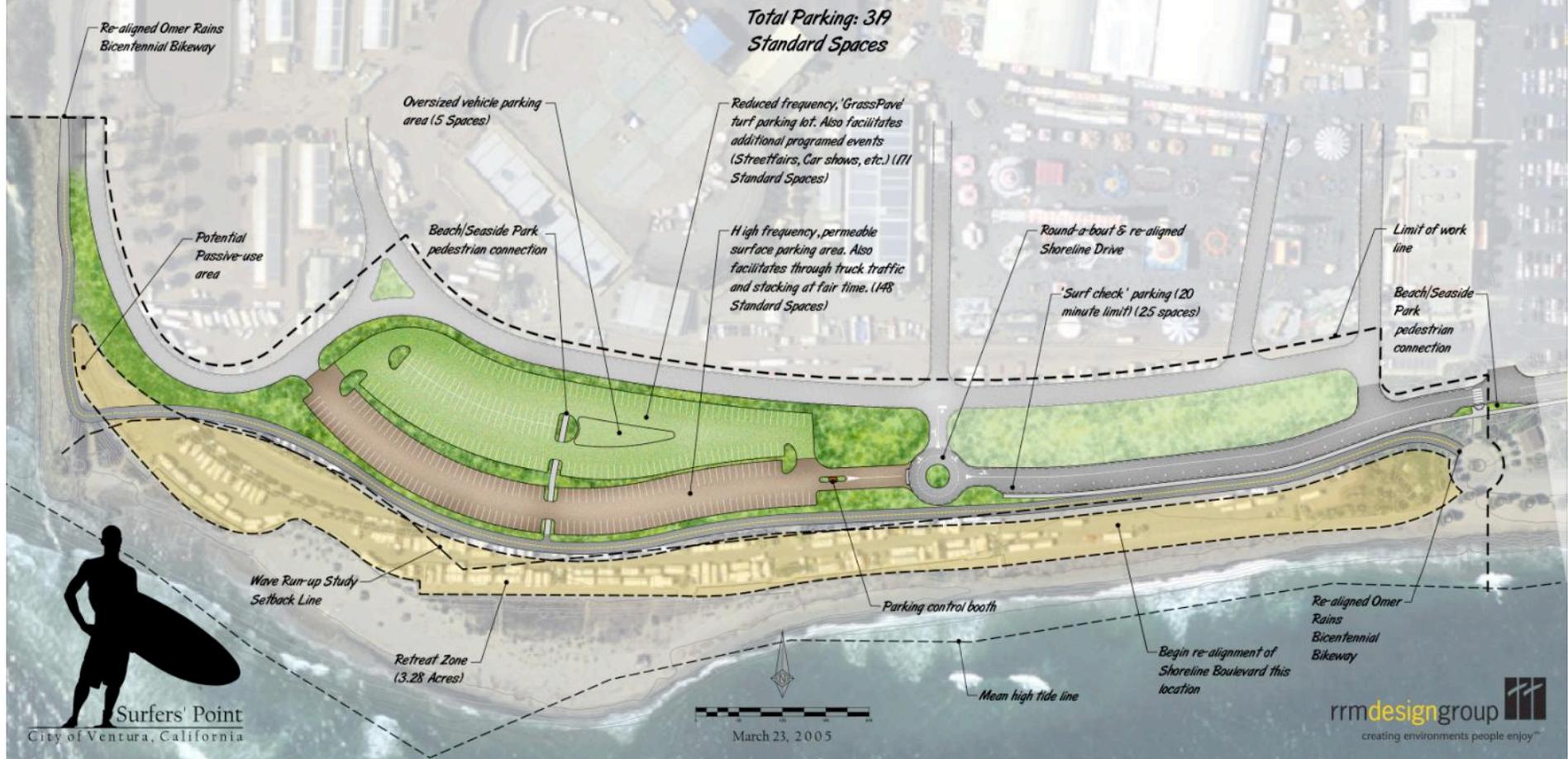


Surfrider Alternative



Surfrider Foundation
Alternative for
**SURFERS POINT
MANAGED SHORELINE
RETREAT PROJECT**

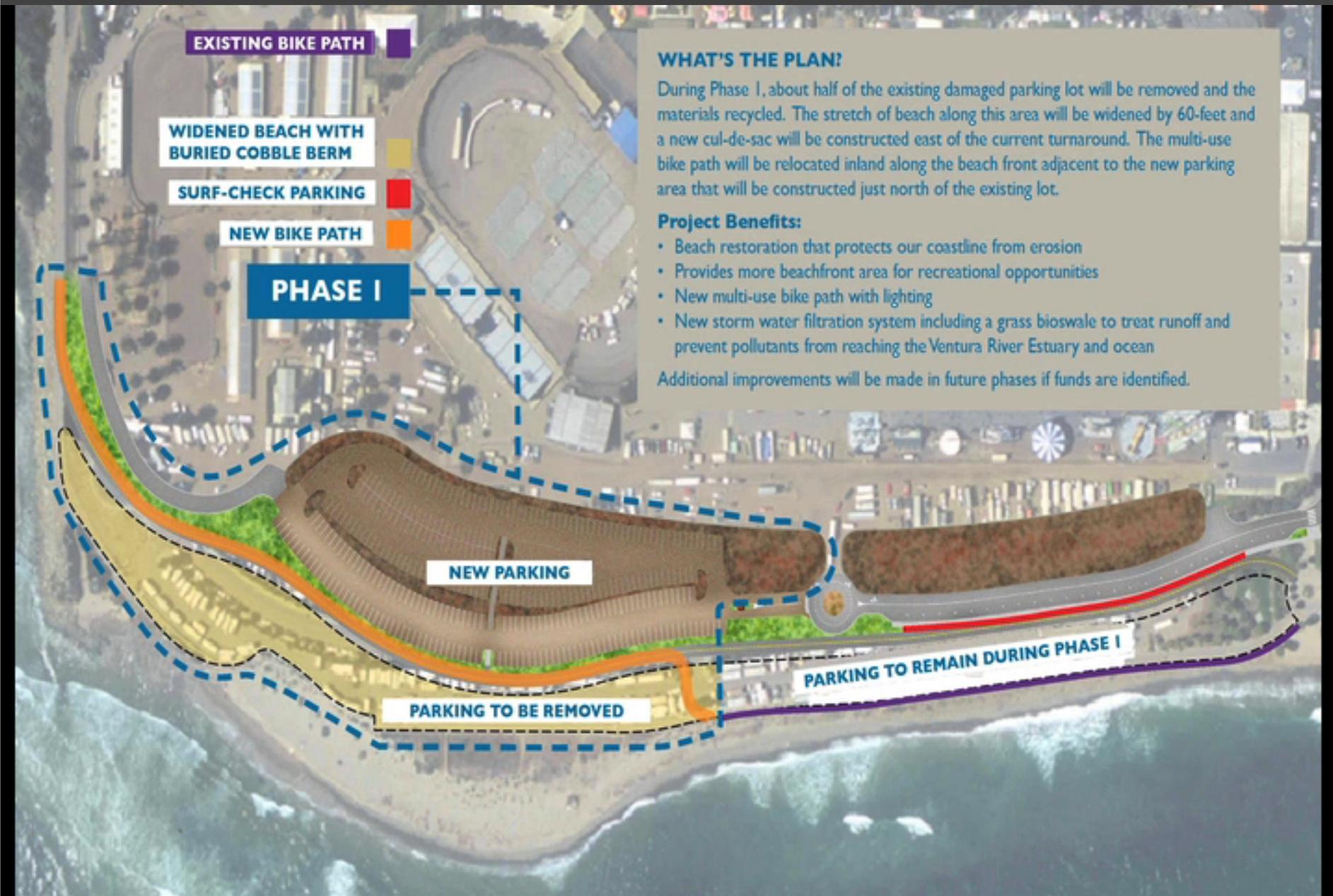
SURFERS' POINT CONCEPT PLAN APPROVAL IN CONCEPT



Surfers' Point
City of Ventura, California

March 23, 2005

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EXISTING BIKE PATH

WIDENED BEACH WITH BURIED COBBLE BERM

SURF-CHECK PARKING

NEW BIKE PATH

PHASE I

NEW PARKING

PARKING TO BE REMOVED

PARKING TO REMAIN DURING PHASE I

WHAT'S THE PLAN?

During Phase I, about half of the existing damaged parking lot will be removed and the materials recycled. The stretch of beach along this area will be widened by 60-feet and a new cul-de-sac will be constructed east of the current turnaround. The multi-use bike path will be relocated inland along the beach front adjacent to the new parking area that will be constructed just north of the existing lot.

Project Benefits:

- Beach restoration that protects our coastline from erosion
- Provides more beachfront area for recreational opportunities
- New multi-use bike path with lighting
- New storm water filtration system including a grass bioswale to treat runoff and prevent pollutants from reaching the Ventura River Estuary and ocean

Additional improvements will be made in future phases if funds are identified.



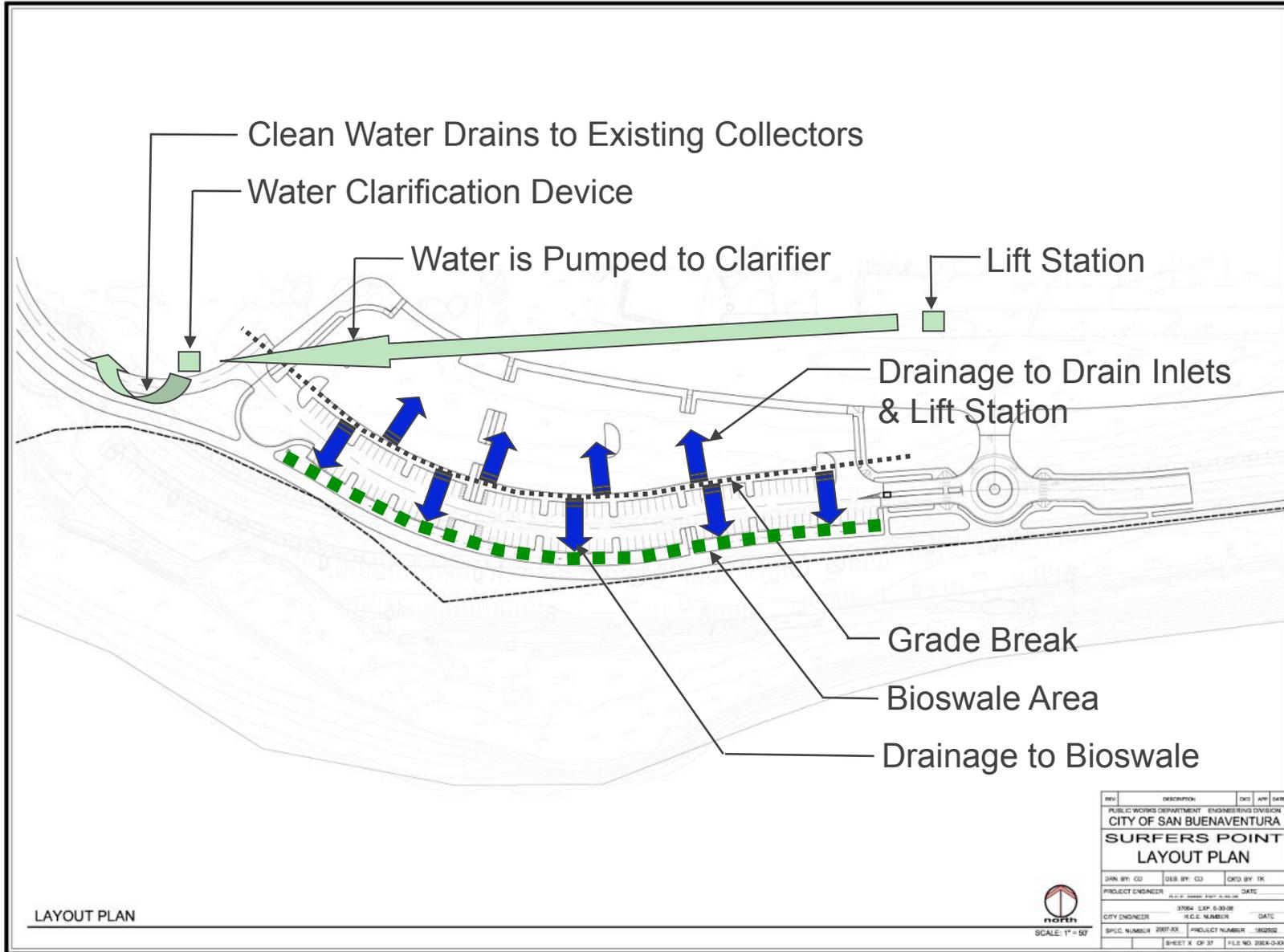








Drainage Concept



LAYOUT PLAN



SCALE: 1" = 50'

REV	DESCRIPTION	DESIGN	DATE
PUBLIC WORKS DEPARTMENT - ENGINEERING DIVISION			
CITY OF SAN BUENAVENTURA			
SURFERS POINT			
LAYOUT PLAN			
DRN BY: CD	DES BY: CD	CHK BY: TK	
PROJECT ENGINEER		DATE	
CITY ENGINEER	3/16/04 EXP. 6-30-08	R.C.E. NUMBER	DATE
SPEC. NUMBER 2007-03	PROJECT NUMBER 1802502		
	SHEET X OF 37	FILE NO. 2004-0-001	

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SURFERS POINT
 LAYOUT PLAN

NO.	REVISION	DATE
PROJECT MANAGER	T. KEITH	
DRAWN BY	CD	CHECKED BY TK
DATE	June 29, 2007	
DRAWN BY	RRM DESIGN GROUP	
JOB NUMBER	1802502	
SHEET	1802502	

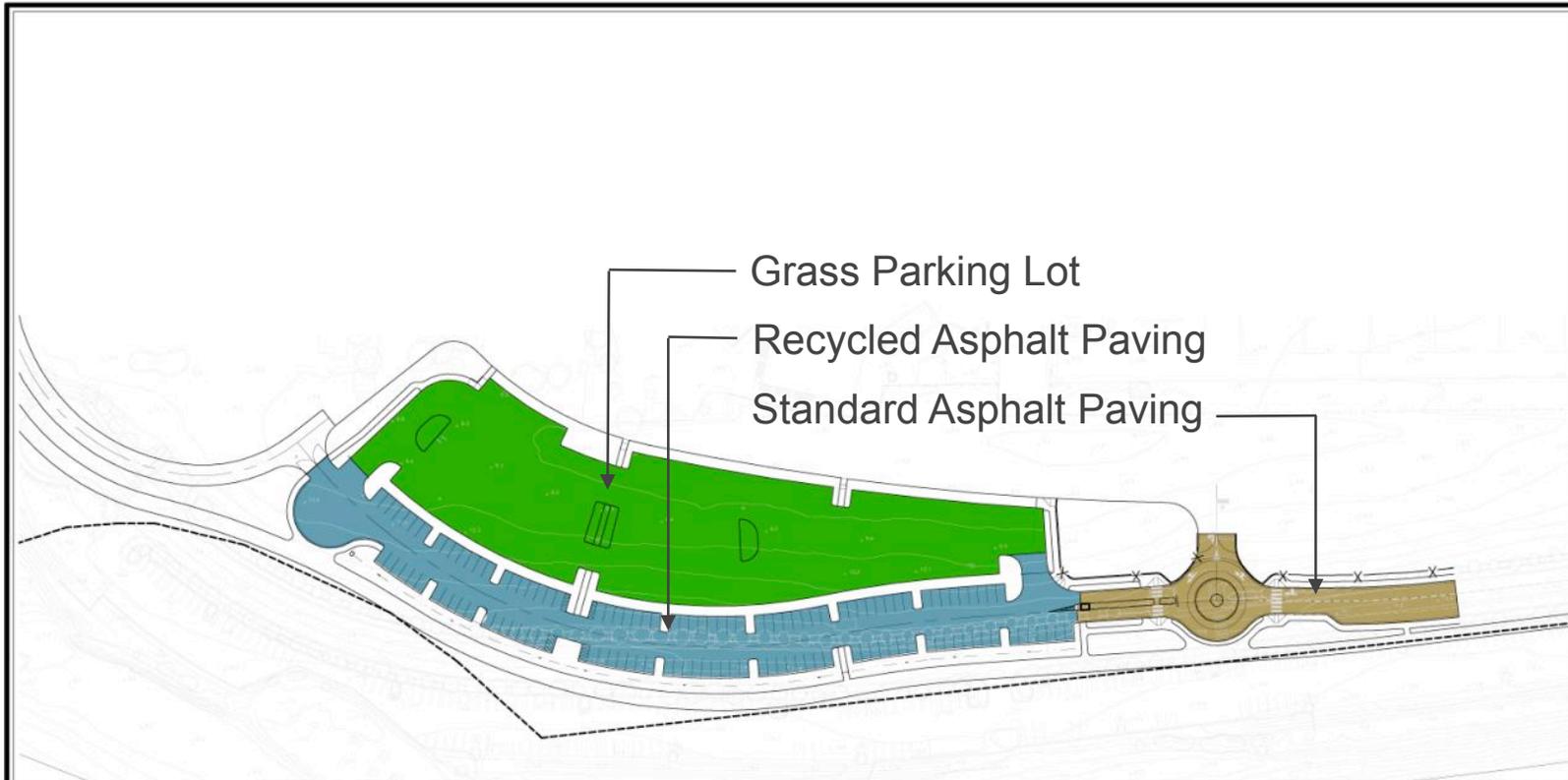








Paving Materials

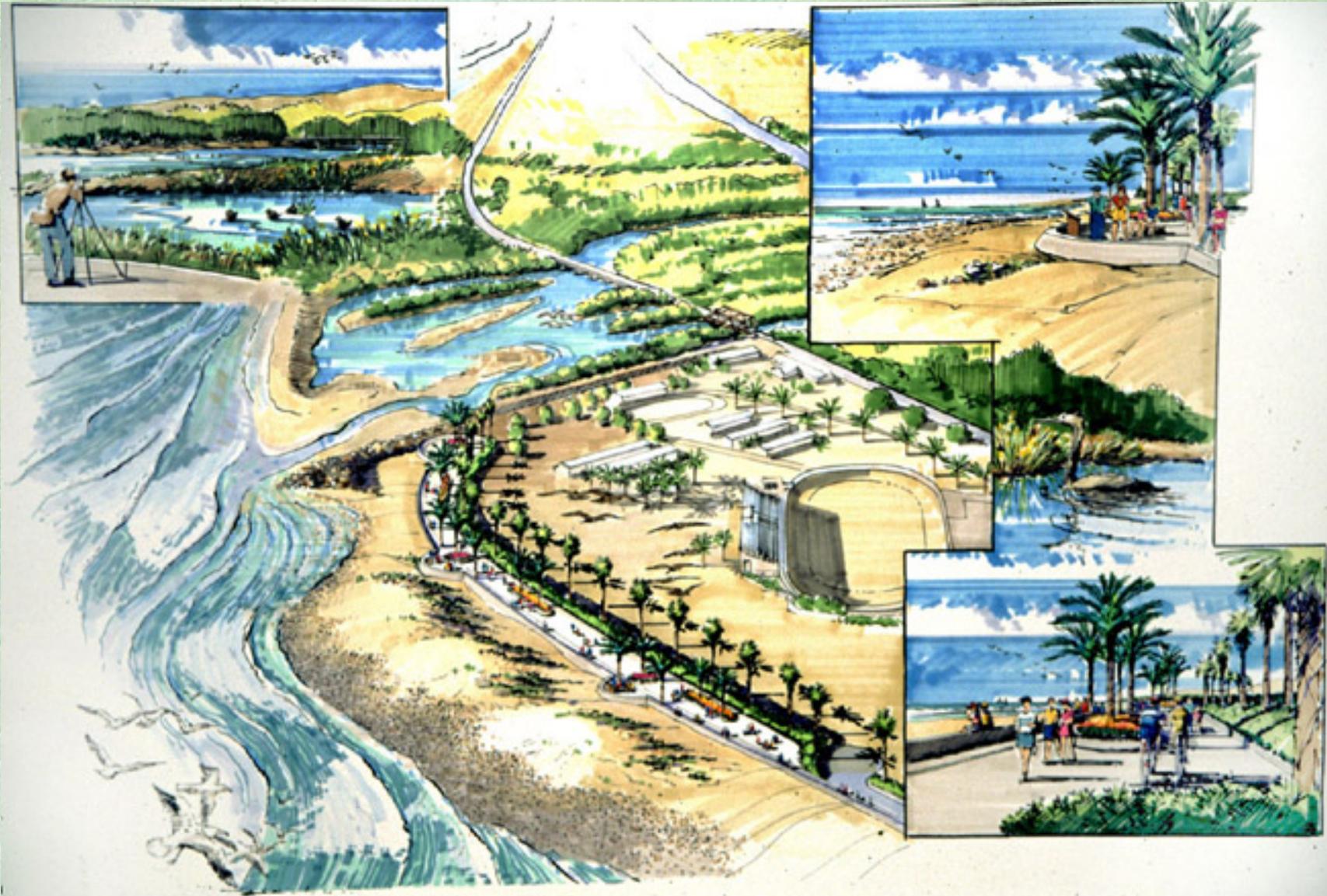


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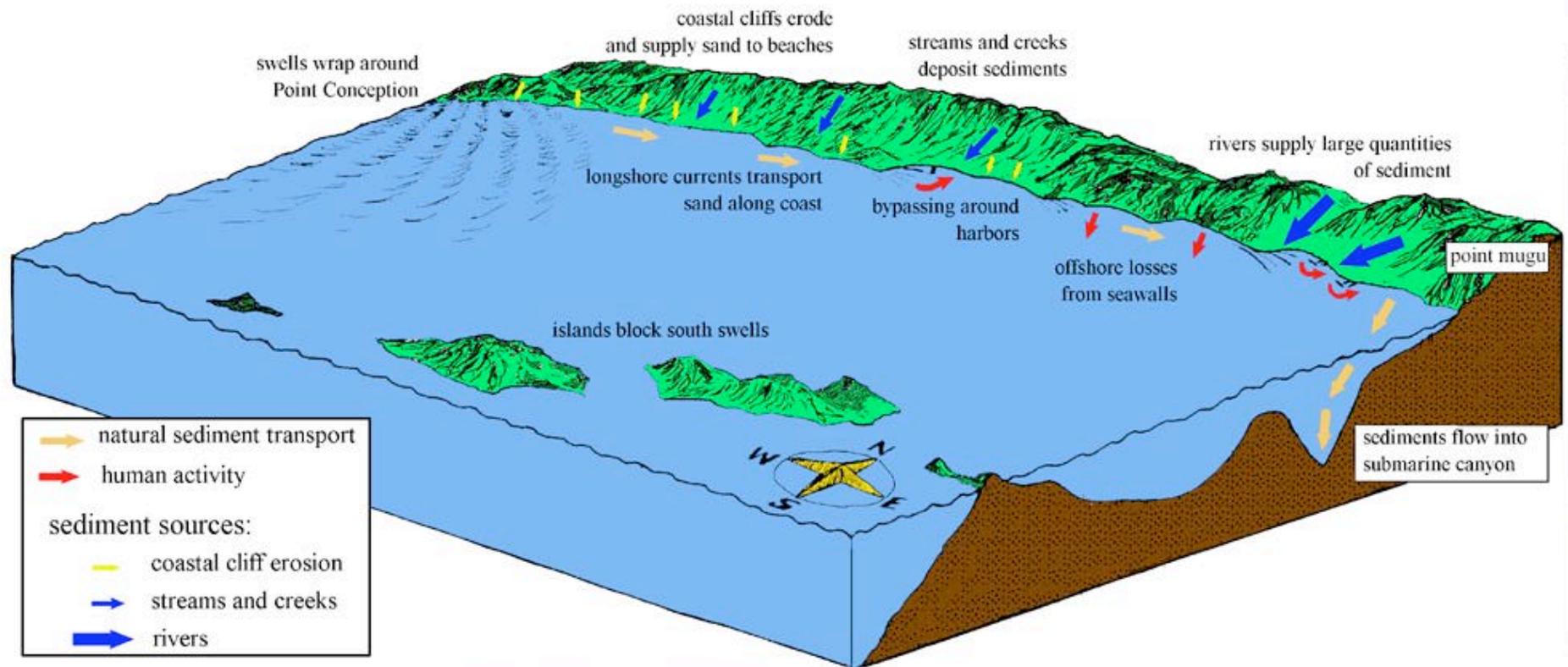
POINT
AN

www.SurfersPoint.org

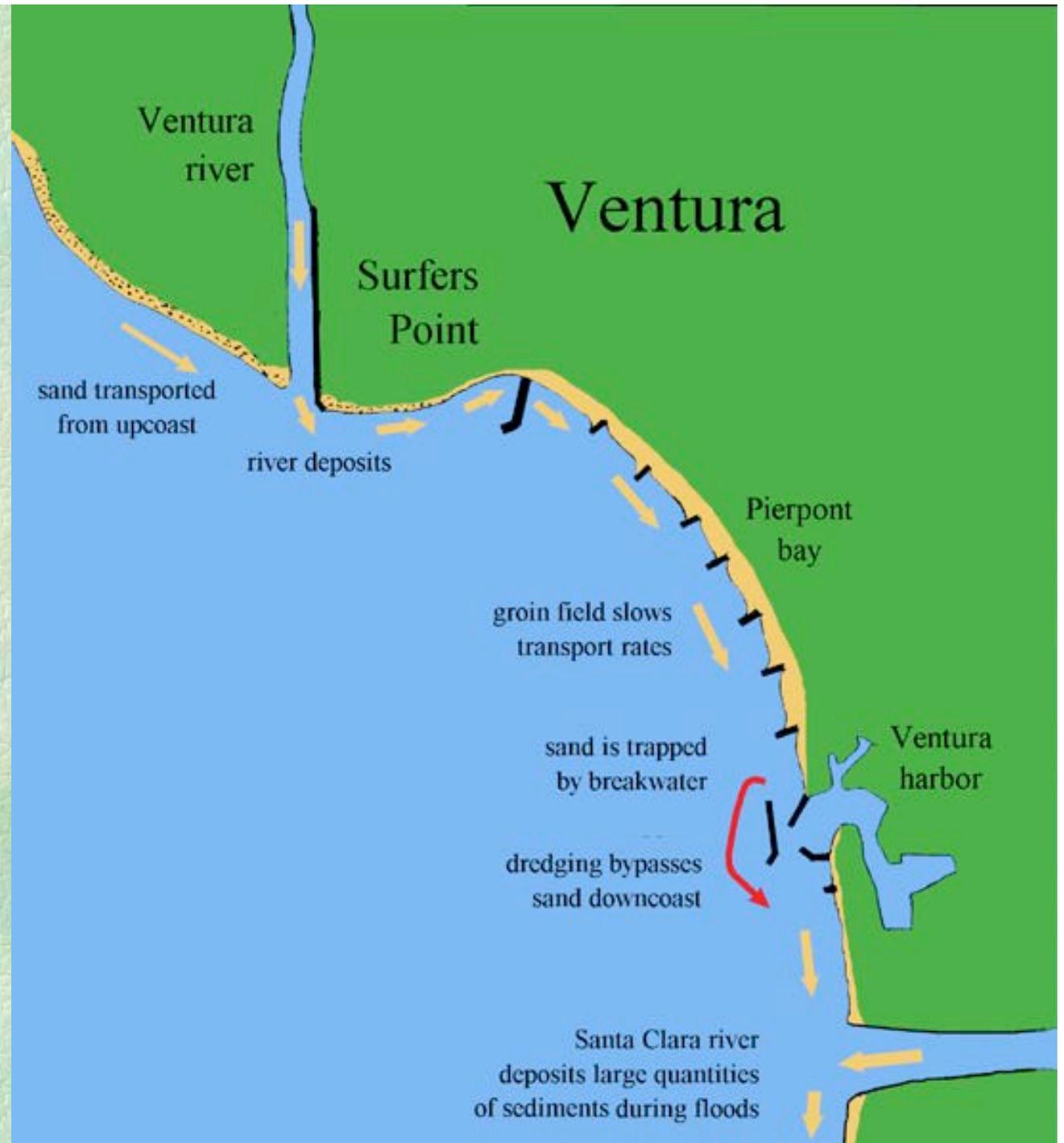


Regional cause & effect

Santa Barbara Littoral Cell



Ventura littoral sub-cell





Ventura River Watershed

Casitas
Reservoir

Matilija
Dam

City of
Ventura

Surfers'
Point

venturariver.org

