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California State Senate

SENATOR
PATRICIA C. BATES
THIRTY-SIXTH SENATE DISTRICT

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ENVIRONMENTAL QUALITY
JOINT LEGISLATIVE BUDGET
LEGISLATIVE ETHICS

February 26, 2015

Douglas Bosco
Chairman
California Coastal Conservancy
1330 Broadway, 13th floor
Oakland, CA 94612

RE: CARDIFF STATE BEACH LIVING SHORELINE CONCEPTUAL PLAN

Dear Mr. Bosco,

The application from City of Encinitas for a California State Coastal Conservancy grant is one I strongly support. The project is called "Cardiff State Beach Living Shoreline Conceptual Plan" and it aims to decrease the vulnerability of Highway 101 and the San Elijo Lagoon to impacts from sea level rise. The project will also restore historic coastal dunes and restore habitat to coastline that has been severely impacted through the years.

Climate change and sea level rise present numerous challenges to the City and the State Parks Department in Encinitas. The southernmost shoreline segment in Encinitas has been identified as being extremely vulnerable to projected rates of sea-level rise. The area consists of low-lying coastline on top of which Highway 101 rests with the Pacific Ocean to the west and the San Elijo Lagoon to the east. Numerous utility corridors are co-located.

Highway 101 is owned by the City of Encinitas and currently supports approximately 20,000 average daily trips. Highway 101 is critical to regional transportation, emergency evacuations and homeland security. The highway has flooded on numerous occasions during the convergence of extreme wave events and high tides.

Coastal dunes are a valuable habitat type in Southern California supporting numerous endangered plants and birds. Dunes also help reduce coastal storm damage during storms by buffering the shoreline from waves and extreme tides. Highway 101 was built in areas that were once coastal dune habitat. This project proposes to reconstruct eight acres of beach dunes from exported materials generated from the adjacent San Elijo Lagoon Restoration Project. The proposed grant project will include project design, CEQA analysis and document preparation, permit applications, dune plant seed collection and development of a scientific monitoring and data sharing program.

The important Coastal Resilency and Dune Restoration Project will help our region prepare for future sea level rise and I urge the Coastal Conservancy members to fund it.

Sincerely,

PATRICIA C. BATES
Senator, 36th District

CC: Kathy Weldon, City of Encinitas, FAX: (760) 633-2818

TONI G. ATKINS
SPEAKER OF THE ASSEMBLY

February 24th, 2015

Douglas Bosco, Chairman
California Coastal Conservancy
1330 Broadway, 13th floor
Oakland, CA 94612

RE: Cardiff State Beach Living Shoreline Conceptual Plan

Dear Chairman Bosco,

I write in support of the application submitted by the City of Encinitas for a California State Coastal Conservancy grant for the Cardiff State Beach Living Shoreline Conceptual Plan. This project will decrease the vulnerability of Highway 101 and the San Elijo Lagoon to impacts from sea level rise. The project will also restore historic coastal dunes and restore habitat to a coastline that has been severely impacted through the years.

Climate change and sea level rise present numerous challenges to the City of Encinitas and the State Parks Department in the region. The southernmost shoreline segment in Encinitas has been identified as being extremely vulnerable to projected rates of sea-level rise. The area consists of low-lying coastline on top of which Highway 101 rests with the Pacific Ocean to the west and San Elijo Lagoon to the east. Numerous utility corridors are co-located in the area.

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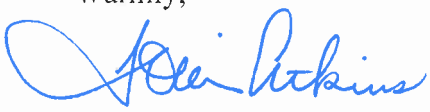
CAPITOL OFFICE: STATE CAPITOL, ROOM 219 • SACRAMENTO, CA 95814 • PHONE (916) 319-2078 • FAX (916) 319-2178
DISTRICT OFFICE: 1350 FRONT STREET, ROOM 6054 • SAN DIEGO, CA 92101 • PHONE (619) 645-3090 • FAX (619) 645-3094
WEB SITE: ASMDC.ORG/SPEAKER • E-MAIL: SPEAKER.ATKINS@ASSEMBLY.CA.GOV

I urge the Coastal Conservancy members to fund this important Coastal Resiliency and Dune Restoration Project to help our region prepare for future sea level rise.

Warmly,



TONI G. ATKINS
Speaker of the Assembly
78th District

TGA:ds

cc: Kathy Weldon, City of Encinitas, Fax: (760) 633-2818

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Assembly
California Legislature

ROCKY J. CHÁVEZ
ASSEMBLYMEMBER, SEVENTY-SIXTH DISTRICT

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EDUCATION
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UTILITIES AND COMMERCE

March 3rd, 2015

Douglas Bosco
Chairman
California Coastal Conservancy
1330 Broadway, 13th floor
Oakland, CA 94612

RE: CARDIFF STATE BEACH LIVING SHORELINE CONCEPTUAL PLAN

Dear Mr. Bosco,

I support the City of Encinitas application for a California State Coastal Conservancy grant. The project is called "Cardiff State Beach Living Shoreline Conceptual Plan" and it aims to decrease the vulnerability of Highway 101 and the San Elijo Lagoon to impacts from sea level rise. The project will also restore historic coastal dunes and restore habitat to coastline that has been severely impacted through the years.

Climate change and sea level rise present numerous challenges to the City and the State Parks Department in Encinitas. The southernmost shoreline segment in Encinitas has been identified as being extremely vulnerable to projected rates of sea-level rise. The area consists of low-lying coastline on top of which Highway 101 rests with the Pacific Ocean to the west and the San Elijo Lagoon to the east. Numerous utility corridors are co-located.

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I urge the Coastal Conservancy members to fund this important Coastal Resilency and Dune Restoration Project to help our region prepare for future sea level rise. If you have any questions about my support for this project; please contact me at (916) 319-2076.

Sincerely,

Colonel Rocky J. Chavez
Assemblymember, 76th District

San Elijo Lagoon CONSERVANCY
Connecting communities. Protecting nature.

June 6, 2014

City of Encinitas
505 S. Vulcan Ave
Encinitas, Ca. 92024

RE: Permission for City Staff to Submit Grant Applications for Sea Level Rise Planning

Dear Mayor Gaspar and Honorable Council Members,

It has come to the attention of the San Elijo Lagoon Conservancy (SELC) that the City of Encinitas staff will be asking for permission to apply for several different granting opportunities to help study and potentially implement projects that will begin to address sea level rise issues within the City of Encinitas.

The San Elijo Lagoon Conservancy applauds this effort by staff to begin a proactive approach in looking at the different alternatives needed to help protect infrastructure, business, private property and our natural resources. As you know, our natural resources can buffer some of the affects we are expecting along the coast as a result to rising sea levels. The larger San Elijo Lagoon Restoration Project has projected different sea elevations and whether the necessary buffer lands exist to ensure a mix of habitats remains. The short answer is we do have the needed space for transition to occur in the eastern portions of the lagoon, but there is little buffering along the stretch of coast between Solana Beach and Cardiff. Highway 101 is extremely vulnerable to any rise in the sea, no matter what restoration alternative is selected.

The threat of the ocean blowing into the lagoon from the west through Highway 101, would not only be a catastrophic impact to the transportation corridor, but would also be a major impact to the natural resources of the lagoon as well. SELC would like to offer our support and assistance in helping develop short and long-term solutions for this stretch of Highway 101. In fact, we are currently working with California State Parks to construct some dune habitat areas in the upper area just north of the entrance of the Seaside parking lot. These types of soft fixes offer multiple benefits to the public and the natural resource. We would be happy to explore these types of projects with City staff to help provide some buffering capability while longer term solutions can be further studied and planned.

We understand most granting agencies are requiring partnerships to be formed between grantees and other stakeholders. We see this as an opportunity to work together to begin the process of limiting the affects as long as possible. I feel we can use this time to form the relationships necessary to collaboratively come up with the long-term fixes that we will all be facing in the near future. We hope that you allow staff to apply for these much needed tools so that we can all be better prepared.

Sincerely,

Doug Gibson
Executive Director / Principal Scientist

PO Box 230634 | Encinitas, California 92023-0634 | **T (760) 436-3944** | F (760) 944-9606 | SanElijo.org

SELC is a non-profit 501 (c) (3) organization, tax ID #33-0358660

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State of California • Natural Resources Agency
Edmund G. Brown Jr., *Governor*
DEPARTMENT OF PARKS AND RECREATION
Lisa Ann L. Mangat, *Acting Director*
San Diego Coast District
4477 Pacific Highway
San Diego, CA 92110
(619) 688-3260 FAX (619) 688-3229

August 14, 2014

Katherine Weldon, Shoreline Program Manager
City of Encinitas
505 South Vulcan Avenue
Encinitas, CA 92024

Re: Letter of Support for Sea Level Rise Planning and Living Shoreline Project

Dear Ms. Weldon,

California State Parks (CSP) strongly supports the City of Encinitas' efforts to secure grant funding for a living shoreline / dune restoration and enhancement project to increase the resiliency of the natural resources and coastal infrastructure to changing shoreline conditions especially in light of sea level rise (SLR) and changes in storm events associated with climate change. CSP understands that the project would be constructed on upper portions of the Cardiff State beach, which are lands owned and managed by the CSP.

CSP understands that once funded the project would involve design, permitting, and development of a living shoreline/ dune system along Cardiff Beach fronting Highway 101 (HWY 101). The Project would benefit park users, residents, and natural resources by improving the sustainability of recreational activities at Cardiff and San Elijo State Beaches; providing coastal dune restoration opportunities; and improving the sustainability of coastal infrastructure (Highway 101, utility infrastructure, coastal businesses, and the San Elijo State Parks Campground). Additionally, this would support the San Elijo Lagoon Restoration Project (SELRP) by providing a suitable site for placement of beach quality sand borrowed from the SELRP excavation. The placed sand would serve to improve beach area, function, and aesthetics by raising the back beach elevation and covering existing rip rap revetment along HWY 101.

CSP also appreciates the opportunity to further develop partnerships with the City of Encinitas, San Elijo Lagoon Conservancy, and other groups in joint stewardship of the shoreline. CSP is willing to provide support for this and other similar projects that are consistent with CSP's Mission.

Please feel free to contact Darren Smith (619) 952-3895 if you have questions or concerns.

Sincerely,

Clay Phillips, San Diego Coast District Superintendent

cc: Robin Greene, North Sector Superintendent
Darren Smith, District Services Manager
Reading File

STATE OF CALIFORNIA -- THE NATURAL RESOURCES AGENCY EDMUND G. BROWN, JR.,, *Governor*

CALIFORNIA COASTAL COMMISSION
SAN DIEGO AREA
7575 METROPOLITAN DRIVE, SUITE 103
SAN DIEGO, CA 92108-4421
(619) 767-2370

March 6, 2015

Douglas Bosco
Chariman
California Coastal Conservancy
1330 Broadwy, 13th Floor
Oakland, CA 94612

Re: Cardiff State Beach Living Shoreline Conceptual Plan

Dear Mr. Bosco,

Commission staff has reviewed the draft conceptual plan to develop living shoreline alternatives along Cardiff State Beach. The proposed plan would investigate soft alternatives to protect a stretch of Highway 101 between the Cities of Encinitas and Solana Beach that provides significant public access to this stretch of coastline. This area of the coast is adjacent to two State Marine Conservation Areas that host sensitive habitats, and also provides valuable opportunities for a wide range of coastal recreation activities.

The development of soft alternatives for the protection of existing development is consistent with direction provided in the Commission's draft Seal Level Rise Guidance document, and Commission staff is in support of efforts that would provide more information on the feasibility of such alternatives including a living shoreline approach. It is important to underscore that any design alternatives should be consistent with Coastal Act policies and should avoid impacts to public access and coastal resources.

Commission staff is available to provide more specific direction and guidance should this conceptual plan be advanced to ensure that concerns about any proposed project design are identified early in this planning process. We appreciate the opportunity to be involved in this review, and look forward to future coordination between our agencies.

Sincerely,

Gabriel Buhr
Coastal Program Manager

Cc (copies sent via email)
Megan Cooper (CCC)
Kathy Weldon (City of Encinitas)

DAVE ROBERTS

SUPERVISOR, THIRD DISTRICT
SAN DIEGO COUNTY BOARD OF SUPERVISORS

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Sabre Springs
San Pasqual
Scripps Ranch
Solana Beach
Tierrasanta
Torrey Hills
Torrey Pines
University City

March 10, 2015

Douglas Bosco
Chairman
California Coastal Conservancy
1330 Broadway, 13th floor
Oakland, CA 94612

RE: CARDIFF STATE BEACH LIVING SHORELINE CONCEPTUAL PLAN

Dear Mr. Bosco,

I support the City of Encinitas' application for a California State Coastal Conservancy grant. The project is called "Cardiff State Beach Living Shoreline Conceptual Plan" and it aims to decrease the vulnerability of Highway 101 and the San Elijo Lagoon to impacts from sea level rise. The project will also restore historic coastal dunes and restore habitat to coastline that has been severely impacted through the years.

Climate change and sea level rise present numerous challenges to coastal resources in Encinitas. The southernmost shoreline segment in Encinitas has been identified as being extremely vulnerable to projected rates of sea-level rise. The low-lying coastline is bisected by Highway 101, with the Pacific Ocean to the west and the San Elijo Lagoon to the east. Numerous utility easements criss-cross the lagoon.

Highway 101 is owned by the City of Encinitas and accommodates nearly 20,000 average daily trips. Highway 101 is critical to regional transportation, emergency evacuations and homeland security. The highway has flooded on numerous occasions during the convergence of extreme wave events and high tides.

Coastal dunes are a valuable habitat type in Southern California supporting numerous endangered plants and birds. Dunes also help reduce coastal storm damage during storms by buffering the shoreline from waves and extreme tides. Highway 101 was built in areas that were once rich with coastal dune habitat. This project proposes to reconstruct eight acres of beach dunes from exported materials generated from the adjacent San Elijo Lagoon Restoration Project. The proposed grant project will include project design, CEQA analysis and document preparation, permit applications, dune plant seed collection and development of a scientific monitoring and data sharing program.

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www.SupervisorDaveRoberts.com

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DAVE ROBERTS

SUPERVISOR, THIRD DISTRICT
SAN DIEGO COUNTY BOARD OF SUPERVISORS

I urge the Coastal Conservancy to fund this important Coastal Resiliency and Dune Restoration Project to help our region prepare for future sea level rise.

Sincerely,

Dave Roberts

DAVE ROBERTS
Vice Chairman
San Diego County Board of Supervisors

CC: Kathy Weldon, City of Encinitas, FAX: (760) 633-2818

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