MEETING NOTICE AND AGENDA

SHORELINE PRESERVATION WORKING GROUP

The Shoreline Preservation Working Group may take action on any item appearing on this agenda.

Thursday, December 1, 2011

11:30 a.m. to 1 p.m.

SANDAG, 7th Floor Conference Room
401 B Street, Suite 800
San Diego, CA 92101-4231

Staff Contact: Shelby Tucker
(619) 699-1916
stu@sandag.org

PLEASE FEEL FREE TO BRING YOUR OWN LUNCH. LUNCH WILL NOT BE PROVIDED.

Guiding Principles:
• commitment to unified approach for local decisions on sand replenishment;
• address local needs and maximize positive regional impacts;
• encourage cooperation and coordination;
• contribute equitable fair share from local participants; and
• promote opportunities for beach sand replenishment.

AGENDA HIGHLIGHTS

• DISTRIBUTION OF FUNDS FROM THE CALIFORNIA COASTAL COMMISSION BEACH SAND MITIGATION FUND

• REGIONAL BEACH SAND PROJECT COMMUNICATIONS PLAN

• SEA LEVEL AND BEACH CHANGE PROJECTION METHODS

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In compliance with the Americans with Disabilities Act (ADA), SANDAG will accommodate persons who require assistance in order to participate in SANDAG meetings. If such assistance is required, please contact SANDAG at (619) 699-1900 at least 72 hours in advance of the meeting.

To request this document or related reports in an alternative format, please call (619) 699-1900, (619) 699-1904 (TTY), or fax (619) 699-1905.
1. WELCOME AND INTRODUCTIONS

2. PUBLIC COMMENTS/COMMUNICATIONS/MEMBER COMMENTS

Members of the public shall have the opportunity to address the Working Group on any issue within the jurisdiction of SANDAG that is not on this agenda. Anyone desiring to speak shall reserve time by completing a “Request to Speak” form and giving it to the Working Group prior to speaking. Public speakers should notify the Working Group Coordinator if they have a handout for distribution to Working Group members. Public speakers are limited to three minutes or less per person. Working Group members also may provide information and announcements under this agenda item.

+3. MEETING SUMMARY OF OCTOBER 6, 2011

The meeting summary from October 6, 2011, is attached for the Working Group review and approval.

+4. DISTRIBUTION OF FUNDS FROM THE CALIFORNIA COASTAL COMMISSION BEACH SAN D MITIGATION FUND

The Cities of Oceanside, Solana Beach, and Imperial Beach are requesting funds from the California Coastal Commission Beach Sand Mitigation Fund be used toward the placement of sand as part of the Regional Beach Sand Project. SANDAG staff is requesting the Working Group recommend that the Regional Planning Committee approve the use of funds. A copy of the resolution from the Cities of Oceanside, Solana Beach, and Imperial Beach is attached.

+5. REGIONAL BEACH SAND PROJECT COMMUNICATIONS PLAN

SANDAG staff has been working to prepare a communications plan for review by the Working Group. The Working Group is asked to provide comments on the plan and recommend that staff move forward with implementation.

6. REGIONAL BEACH SAND PROJECT UPDATE

SANDAG staff and the consultant team will provide the Working Group with an update on the status of the project including construction bidding, schedule, and permits.
<table>
<thead>
<tr>
<th>ITEM #</th>
<th>RECOMMENDATION</th>
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<tr>
<td>7.</td>
<td><strong>SEA LEVEL AND BEACH CHANGE PROJECTION METHODS</strong> INFORMATION</td>
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<td>Advances in modeling future shoreline position changes due to waves, sea level rise, and sand budgets are presented with examples from San Diego, North County, and Coronado. Data-based modeling improvements are the result of DoD research funded through SPAWAR San Diego that seeks to assess the impacts of future sea level rise on military facilities at Camp Pendleton and Coronado, but which also have regional utility. Important new research results concerning the time and space patterns of sea level rise are also presented.</td>
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<td>8.</td>
<td><strong>LEGISLATIVE UPDATE</strong> INFORMATION</td>
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<td>Steve Aceti, CalCoast, will discuss the status of state and federal legislation related to the shoreline management program.</td>
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<td>+9.</td>
<td><strong>2012 SHORELINE PRESEVATION WORKING GROUP SCHEDULE</strong> INFORMATION</td>
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<td>Please find attached a list of Working Group meeting dates for calendar year 2012. Please note that in addition to the regularly scheduled bi-monthly meetings, special meetings are planned for the Regional Beach Sand Project project period from March through November.</td>
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<td>10.</td>
<td><strong>ADJOURNMENT AND NEXT MEETING</strong> INFORMATION</td>
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<td>The next regularly scheduled Working Group meeting is Thursday, February 2, 2012, from 11:30 a.m. to 1 p.m.</td>
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+ next to an item indicates an attachment
MEETING SUMMARY OF OCTOBER 6, 2011

Members in Attendance:
Pam Slater-Price, County of San Diego, Chair
Joe Kellejian, City of Solana Beach, Vice Chair
James Bond, City of Encinitas
Carrie Downey, City of Coronado
Jim Janney, City of Imperial Beach
Ann Kulchin, City of Carlsbad
Dan Malcolm, San Diego Unified Port District
Mitch Perdue, U.S. Navy
Lorie Zapf, City of San Diego

Advisory Members in Attendance:
August Felando, California Lobster and Trap Fishermen’s Association (CLTFA)
Marco Gonzalez, Coastal Environmental Rights Foundation
Robert Hoffman, National Marine Fisheries Service (NMFS)

Staff Subgroup:
Steven Jantz, City of Carlsbad
Sachiko Kohatsu, County of San Diego

Others in Attendance:
Frank Quan, City of Oceanside
Greg Wade, City of Imperial Beach
Katherine Weldon, City of Encinitas

SANDAG Staff in Attendance:
Rob Rundle, SANDAG
Shelby Tucker, SANDAG
Katie Levy, SANDAG

1. Welcome and Introductions

Chair Pam Slater-Price, County of San Diego, called the meeting to order at 11:40 a.m., and welcomed the group.

2. Public Comment/Communications

Shelby Tucker, SANDAG, introduced Julia Chunn from Surfrider Foundation to provide an update on the volunteer surf monitoring they have been developing in relation to the Regional Beach Sand Project II (RBSP II). Ms. Chunn stated that Surfrider Foundation supports RBSP II and appreciates SANDAG and Moffatt and Nichol (M & N) cooperation and inclusion of their comments into the Final RBSP II Environmental Impact Report (EIR). Their main concern was how RBSP II will impact surfing. The California Coastal Commission (CCC) tasked the Surfrider Foundation to develop a
volunteer surf spot program to monitor surfability conditions in Oceanside, Carlsbad, Fletcher Cove, and Imperial Beach. Surfrider Foundation is looking to partner with other organizations such as Coastal Comm, a branch of Coastal Line in Australia as well as Surfline. Surfrider Foundation is also researching the possibility of having cameras installed at coastal homes and businesses along these coastlines.

Chair Slater-Price asked if weather surf monitoring reports will be used. Ms. Chunn stated this was considered, but due to funding limitations, volunteers will be trained to observe and survey surfability conditions. Another method that is being considered is to capture daily photos. Depending on funding availability, a combination of both volunteer surveys and daily photos will be implemented.

Robert Hoffman, National Marine Fisheries Service (NMFS), asked if surf monitoring will be conducted in the San Elijo Lagoon area as there is a separate restoration project that will take place. Ms. Chunn stated they are coordinating an effort to monitor but the final locations have not been determined.

Chris Webb, M & N, confirmed that efforts will be made to integrate and coordinate with Surfrider Foundation on their program and are scheduled to meet on October 19.

3. Summary of June 2, 2011, Meeting

Carrie Downey, City of Coronado, motioned to approve the summary of the June 2, 2011, meeting, and Joe Kellejian, City of Solana Beach, seconded the motion. The motion carried without any objections.

4. Regional Shoreline Monitoring Program Annual Report

Greg Hearon, Coastal Frontiers, presented a report on the State of the Coast 2010. He started with a background of regional beach nourishment projects that took place prior to Regional Beach Sand Project I (RBSP I). Between 1994 and 2000, twelve projects resulted in the placement of 3.3 million cubic yards of sand, or approximately 469,000 cubic yards per year (cy/yr). Following RBSP I, there were eight more beach nourishment projects between 2001 and 2010. These projects totaled 2.95 million cubic yards of sand or approximately 295,000 cy/yr.

Environmental conditions which negatively affected the benefits of beach nourishment projects in the region included dry to average precipitation which led to limited riverine sand delivery and lagoon flushing. On the other hand, mild wave conditions between 2001 and 2006 and higher storm frequency and severity between 2007 and 2010 led to prolonged beach nourishment benefits.

In 1996, SANDAG initiated the Regional Shoreline Monitoring program, which measures the changes in beach width over time, documents the benefits of sand replenishment projects, and helps to improve the design and effectiveness of beach fills. The Monitoring program provided valuable data for the design of RBSP I and was continued in order to aid SANDAG in planning for future replenishment efforts.
As part of the ongoing Monitoring program, Coastal Frontier conducts fall and spring beach profile surveys and collects data for lagoon entrances from SANDAG’s monthly beach observations and maintenance records.

Mr. Hearon presented findings from the Monitoring program between fall 2000 and fall 2010. There were initial advances in beach width, followed by progressive retreat through 2005, unexpected gains in 2006 and a reversal in 2007. Additionally, there have been recent gains in beach widths at Mission Beach due to an Army Corps of Engineers (ACOE) project. However, the Oceanside and Silver Strand cells are currently below pre-RBSP I levels. Overall, beach width persistence occurred in long-term gains of five or more years at North Carlsbad, Cardiff, and Solana Beach. Transient gains of two to four years occurred at Oceanside, Leucadia/Encinitas, La Jolla, and Imperial Beach; while negligible gains of one year or less occurred at Del Mar, Mission Beach, and South Carlsbad.

As a result of RBSP I, there were initial gains in sediment volume in the system through 2006. However, there were losses in 2007 due to severe winter storms and wave conditions. While there has been recent stability in the Oceanside and Mission Beach cells, additional losses in sediment volume are found in the Silver Strand cell. Long-term shorezone volume gains were found at North Carlsbad, Cardiff, Solana Beach, Leucadia/Encinitas, Oceanside, and Mission Beach. Meanwhile, transient gains were found at Del Mar and negligible gains at La Jolla, Imperial Beach, and South Carlsbad.

In response to a question from James Bond, City of Encinitas, Mr. Hearon clarified that graphs of the Oceanside cell reflect the cumulative changes per year from fall 2000 through fall 2010 in beach width and shorezone volume gains and losses.

Ultimately the Monitoring program found that after RBSP I, sediment volumes showed the first signs of attrition in 2007, fill dispersal provided downcoast benefits, closely spaced fills merged to enhance a larger area, and larger, coarser grained fills performed better. Moreover, that in the absence of large projects in the Oceanside and Silver Strand cells, there were deficits compared to the Mission Beach cell.

Monitoring for RBSP II will include an enhanced program from the monitoring that has been conducted during the past four years. This will include surveys of 61 beach transects to begin fall 2011, aerial photos of these beach transects and lagoons, dredge site monitoring every other year, and the incorporation of surfing impacts as provided by Surfrider Foundation into the annual reports.

August Felando, California Lobster and Trap Fishermen’s Association, asked if underwater cameras will be used. Mr. Hearon explained the elevation of the sea floor in the area is what is being measure and is best captured from above the sea floor by divers.

5. Regional Beach Sand Project II

Mrs. Tucker provided an update on the RBSP II. Mrs. Tucker reviewed the breakdown of final sand quantities for the project. Sand quantities needed to be reduced to ensure that quantities of sand included in the construction bidding documents matched available funds. A 20 percent reduction
was considered but the cities agreed that an 11 percent reduction in sand would be applied to each receiver site and the Leucadia site in the City of Encinitas was eliminated.

<table>
<thead>
<tr>
<th></th>
<th>Permitted Quantities</th>
<th>20% Reduction</th>
<th>11% Reduction</th>
<th>Final for Construction Bidding</th>
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<tbody>
<tr>
<td>Oceanside</td>
<td>330,000</td>
<td>264,000</td>
<td>292,000</td>
<td>292,000</td>
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<tr>
<td>N. Carlsbad</td>
<td>225,000</td>
<td>180,000</td>
<td>200,000</td>
<td>200,000</td>
</tr>
<tr>
<td>S. Carlsbad</td>
<td>158,000</td>
<td>126,000</td>
<td>140,000</td>
<td>140,000</td>
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<tr>
<td>Batiquitos</td>
<td>118,000</td>
<td>94,000</td>
<td>105,000</td>
<td>105,000</td>
</tr>
<tr>
<td>Leucadia</td>
<td>117,000</td>
<td>94,000</td>
<td>104,000</td>
<td>0</td>
</tr>
<tr>
<td>Moonlight</td>
<td>105,000</td>
<td>84,000</td>
<td>92,000</td>
<td>92,000</td>
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<tr>
<td>Cardiff</td>
<td>101,000</td>
<td>81,000</td>
<td>89,000</td>
<td>89,000</td>
</tr>
<tr>
<td>Fletcher Cove</td>
<td>140,000</td>
<td>112,000</td>
<td>124,000</td>
<td>140,000</td>
</tr>
<tr>
<td>Imperial Beach</td>
<td>650,000</td>
<td>96,000</td>
<td>106,000</td>
<td>416,000</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td><strong>1,414,000</strong></td>
<td><strong>1,131,000</strong></td>
<td><strong>1,148,000</strong></td>
<td><strong>1,474,000</strong></td>
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Mr. Kellejian commented that the residents of Solana Beach agreed to a tax measure in order to provide additional funding to get up to the total permitted quantity. Mr. Bond added that the City of Encinitas is working with the Batiquitos lagoon to dredge in a separate project. It is predicted that the combined sand quantity from RBSP II will meet the beach width needs, but any negative impacts to the Batiquitos lagoon should be avoided.

Mrs. Tucker explained that the CCC mitigation funds are held in an account. Those cities that have funds available have been getting resolutions in order to pull funds from this account to help fund the placement of material on their beaches. She has been coordinating with city staff to have those funds available and apply to the project by February 1, 2012.
The next steps for RBSP II include finalizing the 404 permit and Environmental Assessment with the ACOE within the next two weeks. This will be the final major permit required for RBSP II, while right of entry and truck haul permits will be applied for locally once a contractor is selected. Most permits for RBSP II require a monitoring plan, which staff has been developing with the assistance of resource agencies. The Final Draft Monitoring Plan will be provided to resource agencies on November 1, 2011, to review before meeting on December 1, 2011, to consent to the plan.

Mrs. Tucker invited Alan Alcorn, M & N, to explain the finalized design plans and engineering cost estimates for RBSP II. Mr. Alcorn described how equipment, labor involved, and materials were analyzed to determine the engineering cost estimates. The highest costs are for the mobilization of the dredge and shore based equipment to the RBSP II sites. Additional related costs include fuel and labor. Actual construction costs include procurement of the pipe from dredge to the shore and production based estimates of how many days are necessary to dredge each site. The costs of fuel, labor, and insurance are the main differences in costs between RBSP II and RBSP I. Additionally, it is important to note that if a company on the east coast is selected through the bidding process, mobilization costs will be much higher for RBSP II compared to RBSP I where dredge equipment happened to be in the San Diego area for another project.

Mrs. Tucker reviewed the RBSP II construction bid schedule:
- Advertise Construction Bidding – October 24, 2011
- Conduct pre-bid meeting – November 1, 2011
- Bid Opening – December 7, 2011
- Intent to Award – first week of January 2012
- Notice to Proceed – February 22, 2012

Bid estimates cannot be released publicly and are for internal distribution only.

Mr. Bond requested clarification on when construction would begin if an east coast company is selected. Mr. Alcorn responded that the contracting process, site work, and bonds preparation takes time to complete prior to the start of construction. Additionally, mobilization of equipment will take about a month to arrive if mobilizing from the east coast.

Mr. Bond inquired how the bidding and construction schedule will affect the grunion runs. Mr. Webb responded that the most intensive grunion runs occur from March 1, through June 15. Mrs. Tucker stated that there is some flexibility in the schedule, but it will be dependent on which contractor is selected and other individual cities’ constraints due to recreational activities at receiver beaches. Mr. Webb added that there will be a provision that the selected contractor must agree to have the project 50 percent completed by July 2012.

Ann Kulchin, City of Carlsbad, requested clarification on the difference between the notice to proceed date and start of construction. Mrs. Tucker responded that this time allows mobilization and preparation to occur.

Mr. Alcorn explained the process and timeline for RBSP II in further detail. Once a contractor is selected and receives the notice to proceed, they will start mobilizing equipment and the pipeline. However, they will not know which site to start, as this will be dependent on where there is the least amount of impact to grunion runs. At construction sites, landside equipment will be kept in small storage yards and training dykes will be built. Offshore there will be pipelines and buoys in
the ocean. The dredge will fill up barges two to four hours at a time, steam over to receiver sites, and offload onshore while an inspector or bulldozer operator supervises placement. Total construction at each site will last two to three weeks and the construction management team from SANDAG will be overseeing the project with design support services from M & N. Additionally, information will be posted on SANDAG’s Web site and staff will coordinate with local city staff on the best method of communicating information.

Mrs. Tucker commented that once the construction management team is onboard, assistance will be needed from city staff to help coordinate with cities’ internal departments in obtaining waivers for bonding, local permits, distributing public safety information, and any other anticipated needs for their city. Additionally, the SANDAG communication team will be working on a public notification system that will include signs, education, and social media messaging. Staff will notify cities to prepare for the start of construction and will need to be able to contact or meet with the appropriate cities’ internal department staff.

Dan Malcolm, San Diego Unified Port District, inquired what type of event would constitute change orders for the contractors and how construction times will be affected if construction is delayed for grunion runs. Additionally, how costs will be absorbed if construction is occurring and grunion runs start, and whether the contractor’s course of action would be to move to another site. Mrs. Alcorn responded that the worst case scenario would be if all grunion runs occurred across all beaches for the entire summer, which would prevent construction from occurring at any sites and trigger delay costs. However, the probability of this scenario is slim. There will be contingency plans in place, but costs will have to be absorbed for events such as pipelines being moved or mobilization to another site. Lawrence Honma, Merkel and Associates, Inc., commented that permits are detailed on specific thresholds regarding grunion runs, where it may not be necessary to stop construction at a site.

Mrs. Tucker added other potential change orders would occur if sand quantities are reduced or additional funds are needed, which the cities do not have currently. Mr. Alcorn noted that additional change orders to be aware of include transporting material if there is cobble at receiver sites and running out of source material.

Marco Gonzalez, Coastal Environmental Rights Foundation, asked how staff will spread equity of change orders. He noted appreciation for the addition of a communications team for RBSP II as new tools such as Twitter are available now to help keep the public informed. However, Mr. Gonzalez added that there are new recreational activities now compared to RBSP I ten years ago such as stand up paddlers, therefore measures like roping safety areas offshore need to be made. Mr. Alcorn responded that lights will be attached to buoys where the dredge is connected. However, dredges will operate 24 hours a day and roping off areas offshore would be difficult. Mr. Gonzalez suggested including a provision for the contractor to have a speakerphone on board the dredge to be able to communicate if public members got too close to the equipment. Mrs. Tucker added that the communication plan should be available by December 1, and will include strategies to update the public through Twitter, Facebook, and the SANDAG Web site.
Other comments, questions, and discussion were as follows:

- Mr. Kellejian requested more than two weeks’ notice on the start of construction. Mrs. Tucker confirmed that this can be done as the construction team will be meeting weekly.
- Mitch Perdue, United States Navy, stated that a benefit to selecting a contractor with larger equipment is that they have the ability to shorten construction time, but the costs of any pause in construction will be higher. Mr. Perdue also inquired if there will be one or two sets of pipes built. Mr. Alcorn responded that the current requirements are for the contractor to have one pipe, but if construction starts later, they will find it necessary to build two pipes to meet their construction deadlines.
- Mr. Bond requested clarification on the probability of finding clay beds at the borrow sites. Mr. Webb confirmed that the surveys have been completed and the engineering team has high levels of confidence in the quality of material that will be found at borrow sites.
- Mr. Kellejian commented that once the contractor provides prioritization of construction sites, this should be communicated as quickly as possible to the public. Mrs. Tucker noted that ongoing changes may occur last minute, which will result in shifts to the construction schedule.
- Mr. Kellejian also inquired on the notification system regarding noise for nearby residents in construction areas. Mr. Alcorn explained there are large marine engines that operate pumps, similar to the noise of large naval vessels. These will operate two to four hours at a time to offload material from borrow sites. At receiver sites, contractors will add the entire pipeline necessary for the night. However, there will be floating rubberized lines attached to the pipelines which will indicate any issues. If there are issues with the pipelines, bulldozers will need to run. For expense purposes, labor costs are lower for evening shifts. Additionally, in the evenings there will be noise from the dredge motor offloading the material.
- Mr. Kellejian asked the estimated time it takes to place 100,000 cubic yards (cy) on the beach. Mr. Alcorn responded that this is dependent on the equipment that is used, where smaller equipment can dredge 6,000 to 7,000 cy per day, while larger equipment can dredge 15,000 cy per day.
- Ms. Kulchin commented that the material used for RBSP I at Solana Beach left shortly after placement. Mr. Webb responded that this was an important lesson learned from RBSP I and resulted in the decision to find and use coarser material for all sites for RBSP II. This also partially accounts for the increase of costs for RBSP II compared to RBSP I.

6. Legislative Update

No Legislative update was provided as Steve Aceti was not present. However, Mrs. Tucker noted that the California Department of Fish and Game (DFG) changed regulations and opened the public comment period to allow comment on the updated regulations. Public comments will be accepted by DFG from October 1, 2011, to October 15, 2011.

7. Adjournment and Next Meeting

Chair Slater-Price adjourned the meeting at 12:57 p.m. The next meeting is scheduled for Thursday, December 1, 2011, 11:30 a.m. to 1:00 p.m.
DISTRIBUTION OF FUNDS FROM THE CALIFORNIA COASTAL COMMISSION
BEACH SAND MITIGATION FUND

File Number 3200200

Introduction

The Cities of Oceanside, Solana Beach, and Imperial Beach are requesting funding from the California Coastal Commission (Commission) Beach Sand Mitigation Fund administered by SANDAG for the Regional Beach Sand Project (RBSP). Allocation of funds from a coastal jurisdictions account requires that jurisdiction’s formal approval through resolution by the City Council. The resolutions provided by each city are included as Attachments 1-3.

Additionally, prior to allocation of any funds, the proposal must be reviewed by the Shoreline Preservation Working Group (Working Group), adopted by SANDAG, and submitted to the Executive Director of the Commission for review and approval. The Working Group is asked to review and make a recommendation regarding this request.

Recommendation

The Working Group is asked to recommend that the Regional Planning Committee approve the allocation of funds from the Beach Sand Mitigation Fund and direct SANDAG staff to submit the proposal to the Executive Director of the Commission for review and approval.

Discussion

In 1996, SANDAG and the Commission entered into a Memorandum of Agreement (MOA) which outlines the administration of the Beach Sand Mitigation Fund (Mitigation Fund). The Mitigation Fund consists of fees collected by the Commission through its coastal development permit process pursuant to special conditions of various permits as mitigation for the adverse impacts of shoreline protective structures, such as seawalls and revetments, on beaches within the region. Mitigation fees are deposited in an interest bearing account created and managed by SANDAG. Only projects that involve sand replenishment for beaches in the San Diego region will be considered for funding.

The Cities of Oceanside, Solana Beach, and Imperial Beach plan to use up to $38,000, $375,000, and $28,000, respectively, in mitigation funds to place sand on the beach within their city. The cities will use these funds for preparing the site and pumping sand on the beach. These uses are consistent with the SANDAG Shoreline Preservation Strategy objectives, policies, and recommendations that relate to beach building and maintenance. Furthermore, the project meets the eligibility criteria laid out in the MOA.
The RBSP will place approximately 1.4 million cubic yards of beach quality sand on regional beaches from Oceanside to Imperial Beach beginning in April 2012. The project received a grant from the California Department of Boating and Waterways requiring a 15 percent local match. These funds will be used by each city as part of their required match for construction activities.

Attachments: 1. Resolution No. 11-R0706-1, A Resolution of the City Council of the City of Oceanside Requesting Funds Form the California Coastal Commission’s Beach Sand Replenishment/Mitigation Fund Administered by the San Diego Association of Governments (SANDAG) to be Used for the Regional Beach Sand Project II
2. Resolution No. 2011-130, A Resolution of the City Council of the City of Solana Beach, California, Requesting Funds from the California Coastal Commission’s (CCC) Beach Sand Replenishment/Mitigation Fund; Administered by the San Diego Association of Governments (SANDAG) to be Used for the Regional Beach Sand Project #2
3. Resolution No. 2011-7066, A Resolution of the City Council of the City of Imperial Beach, California, Requesting Funds from the California Coastal Commission’s Beach Sand Replenishment/Mitigation Fund Administered by the San Diego Association of Governments (SANDAG) to be Used for the Regional Beach Sand Project RBSP II

Key Staff Contact: Shelby Tucker, (619) 699-1916, stu@sandag.org
RESOLUTION NO. 11-R0706-1

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF OCEANSIDE REQUESTING FUNDS FROM THE CALIFORNIA COASTAL COMMISSION’S BEACH SAND REPLENISHMENT /MITIGATION FUND ADMINISTERED BY THE SAN DIEGO ASSOCIATION OF GOVERNMENTS (SANDAG) TO BE USED FOR THE REGIONAL BEACH SAND PROJECT II (RBSPII)

WHEREAS, in 1996, SANDAG adopted the Shoreline Preservation Strategy (Strategy) that outlines an extensive beach building and maintenance program for the critical shoreline erosion areas in the region, containing a comprehensive set of recommendations on the beach building program and on financing and implementation; and

WHEREAS, IN 2001, SANDAG successfully implemented a Regional Beach Sand Project (RBSP) that placed 2.1 million cubic yards of sand on 12 beaches in the San Diego region; and

WHEREAS, in 2004, SANDAG adopted the Regional Comprehensive Plan (RCP), which is a strategic land use planning framework for the San Diego region through 2030 that supports the continued implementation of the Strategy, outlining the preservation and enhancement of the region’s beaches and near shore areas as environmental and recreational resources that must be protected; and

WHEREAS, the San Diego region is committed to implementing the Strategy and RCP; and

WHEREAS, the region’s Coastal Cities, including the City of Oceanside, have expressed an interest and desire to implement another such project, the Regional Beach Sand Project II (the “Project”) on a regional basis, as economies of scale and efficiencies would likely result in a more productive and successful project; and

WHEREAS, a number benefits, including recreational, economic, and public safety enhancements, protection of infrastructure, and increases in habitat would occur as the result of beach nourishment; and

WHEREAS, the Beach Sand Replenishment/Mitigation Fund consists of fees collected
by the California Coastal Commission through the City’s coastal development permit process for potential adverse impacts associated with the construction of shoreline protection devises such as seawalls and revetments; and

WHEREAS, the fees are deposited in an interest-bearing account created and administered by SANDAG, with all interest earned and payable to the account for purposes stated below; and

WHEREAS, the purpose of the account is to provide a Beach Sand Replenishment/Mitigation Fund to aid local governments, working cooperatively with SANDAG, in the restoration and replenishment of beaches within San Diego County; and

WHEREAS, the funds will be solely used to implement projects which provide sand to the region’s beaches; and

WHEREAS, the Regional Beach Sand Project II will place 300,000 cubic yards of beach quality sand on the beach in the City of Oceanside.

NOW THEREFORE, BE IT RESOLVED by the City Council of the City of Oceanside as follows:

1. The foregoing recitations are true and correct.

2. According to the Memorandum of Understanding between the California Coastal Commission and SANDAG, the Beach Sand Replenishment/Mitigation Funds are available for projects that place sand on the beach.

3. That the City Council approves the request to utilize all available funding from the Beach Sand Replenishment/Mitigation Fund for the City of Oceanside to be used for construction of SANDAG’s Regional Beach Sand Project II.

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PASSED AND ADOPTED by the City Council of the City of Oceanside at its meeting held on the 26th day of October 2011, by the following vote:

AYES: WOOD, FELLEN, FELLER, KERN, SANCHEZ
NAYS: NONE
ABSENT: NONE
ABSTAIN: NONE

MAYOR OF THE CITY OF OCEANSIDE

ATTEST:

City Clerk

RESOLUTION REQUESTING FUNDS FROM THE CALIFORNIA COASTAL COMMISSION'S BEACH SAND REPLENISHMENT/MITIGATION FUND ADMINISTERED BY THE SAN DIEGO ASSOCIATION OF GOVERNMENTS (SANDAG) TO BE USED FOR THE REGIONAL BEACH SAND PROJECT II (RBSPII)

City Attorney
RESOLUTION 2011-130

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SOLANA BEACH, CALIFORNIA, REQUESTING FUNDS FROM THE CALIFORNIA COASTAL COMMISSION’S (CCC) BEACH SAND REPLENISHMENT / MITIGATION FUND; ADMINISTERED BY THE SAN DIEGO ASSOCIATION OF GOVERNMENTS (SANDAG) TO BE USED FOR THE REGIONAL BEACH SAND PROJECT #2

WHEREAS, in 1996, SANDAG adopted the Shoreline Preservation Strategy that outlines an extensive beach building and maintenance program for the critical shoreline erosion areas in the region, containing a comprehensive set of recommendations on the beach building program including financing and implementation; and

WHEREAS, in 2001, SANDAG successfully implemented a Regional Beach Sand Project (RBSP) placing 2.1 million cubic yards of sand on 12 regional beaches; and

WHEREAS, in 2001, the beaches in Solana Beach received more than 140,000 cubic yards of sand; and

WHEREAS, the region’s coastal cities have expressed a desire to implement a second RBSP (#2) on a regional basis, as economies of scale and efficiencies would likely result in a more productive and successful project; and

WHEREAS, a number of benefits, including recreational, economic, public safety enhancements, protection of infrastructure, and increases in habitat would occur as the result of beach nourishment; and

WHEREAS, in September 2008, SANDAG received a grant for RBSP #2 funding from the California Department of Boating and Waterways (DBW) for $6.5 million an additional $6.5 million in 2010 and expects to receive an additional $6.5 million in fiscal year 2011 for RBSP #2 implementation; and

WHEREAS, the DBW funding requires a 15% local match to be paid by the San Diego region for all DBW funds expended on the RBSP #2 and the coastal cities have entered into an MOU reflecting their commitment to provide the 15% match for all phases of the project and Phase 1 and 2 are now completed; and

WHEREAS, the Project methodology to allocate the 15% match required by DBW among the coastal cities is based on the formula of 60% amount of sand received, 10% miles of coastline restored, and 30% population; and

WHEREAS, the coastal cities have agreed to an allocation of the estimated costs for Phase 3 of the Project which would replicate the approximate volume of the RBSP 1, which will include construction and construction contingency; and

WHEREAS, SANDAG has asked the cities of Solana Beach, Oceanside, Carlsbad, Encinitas and Imperial Beach to approve their appropriation for Phase 3
which includes construction costs and construction contingency as needed to fund the project. Funds will be paid to SANDAG prior to the start date of Phase 3; and

WHEREAS, the City of Solana Beach is demonstrating its commitment and continued financial support of the project and proposes to direct Staff to request the utilization of up to $375,000 in available SANDAG/CCC Beach Sand Replenishment Funds on behalf of the City for the Phase 3 of the RBSP #2 Project; and

NOW, THEREFORE, the City Council of the City of Solana Beach, California does hereby resolve as follows:

1. That the above recitations are true and correct

2. The City Council approves an expenditure of up to $375,000 for Phase 3 tasks of the RBSP #2 and directs the City Manager to request the allocation of up to $375,000 in SANDAG Coastal Commission Beach Sand Replenishment Funds on behalf of the City for Phase 3 of the SANDAG RBSP #2 Project.

3. The City Council, in approving this Resolution, advances a Priority Project as outlined in the City’s 2011-2012 Workplan, as well as furthering a regionally important goal, to obtain sand for the local beaches.

4. Any funds requested by the City but not used for the RBSP #2 are maintained for the City of Solana Beach in an interest-bearing account with interest credited to Solana Beach prorated to reflect its contribution to the RBSP #2.

5. The City understands that SANDAG would not proceed with the RBSP #2 without financial assurances that each coastal jurisdiction has agreed to pay its fair share of the costs for the final construction phase of the RBSP #2.

PASSED AND ADOPTED this 28th day of September 2011, at a regularly scheduled meeting of the City Council of the City of Solana Beach, California by the following vote:

AYES: Councilmembers – Heebner, Kellejian, Roberts, Nichols, Campbell

NOES: Councilmembers – None

ABSENT: Councilmembers – None

ABSTAIN: Councilmembers – None

LESA HEEBNER, Mayor

APPROVED AS TO FORM:

JOHANNA N. CANLAS, City Attorney

ATTEST:

ANGELA IVEY, City Clerk
CERTIFICATION

STATE OF CALIFORNIA) COUNTY OF SAN DIEGO) SS.
CITY OF SOLANA BEACH)

I, ANGELA IVEY, City Clerk of the City of Solana Beach, California, DO HEREBY CERTIFY that the foregoing is a full, true and correct copy of Resolution 2011-130 requesting funds from the California Coastal Commission's Beach Sand Replenishment/ Mitigation Fund to be used for the Regional Beach Sand Project #2 as duly passed and adopted at a Regular Solana Beach City Council meeting held on the 28th day of September 2011 and the original is on file in the City Clerk's Office.

ANGELA IVEY, CITY CLERK

Date of this Certification: 10-4-2011
RESOLUTION NO. 2011-7066

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF IMPERIAL BEACH, CALIFORNIA, REQUESTING FUNDS FROM THE CALIFORNIA COASTAL COMMISSION'S BEACH SAND REPLENISHMENT/MITIGATION FUND ADMINISTERED BY THE SAN DIEGO ASSOCIATION OF GOVERNMENTS (SANDAG) TO BE USED FOR THE REGIONAL BEACH SAND PROJECT (RBSP) II

WHEREAS, in 1996, SANDAG adopted the Shoreline Preservation Strategy (Strategy) that outlines an extensive beach building and maintenance program for the critical shoreline erosion areas in the region, containing a comprehensive set of recommendations on the beach building program and on financing and implementation; and

WHEREAS, in 2001, SANDAG successfully implemented a Regional Beach Sand Project (RBSP) that placed 2.1 million cubic yards of sand on 12 beaches in the San Diego region; and

WHEREAS, in 2004, SANDAG adopted the Regional Comprehensive Plan (RCP), which is a strategic land use planning framework for the San Diego region through 2030 that supports the continued implementation of the Strategy, outlining the preservation and enhancement of the region's beaches and nearshore areas as environmental and recreational resources that must be protected; and

WHEREAS, the San Diego region is committed to implementing the Strategy and RCP; and

WHEREAS, the region's Coastal Cities, including the City of Coronado, have expressed an interest and desire to implement another such project, the Regional Beach Sand Project II (the "Project") on a regional basis, as economies of scale and efficiencies would likely result in a more productive and successful project; and

WHEREAS, a number of benefits, including recreational, economic, and public safety enhancements, protection of infrastructure, and increases in habitat would occur as the result of beach nourishment; and

WHEREAS, the Beach Sand Replenishment/Mitigation Fund consists of fees collected by the California Coastal Commission through the City's coastal development permit process pursuant to Imperial Beach Municipal Code Section 19.87.050 for potential adverse impacts associated with the construction of shoreline protection devices such as seawalls and revetments; and

WHEREAS, the fees are deposited in an interest-bearing account created and administered by SANDAG, with all interest earned and payable to the account for purposes stated below; and

WHEREAS, the purpose of the account is to provide a Beach Sand Replenishment/Mitigation Fund to aid local governments, working cooperatively with SANDAG, in the restoration and replenishment of beaches within San Diego County; and

WHEREAS, the funds will be solely used to implement projects which provide sand to the region's beaches; and
WHEREAS, the Regional Beach Sand Project II will place between 120,000 and 650,000 cubic yards of beach quality sand on the beach in the City of Imperial Beach.

NOW THEREFORE, BE IT RESOLVED by the City Council of the City of Imperial Beach as follows:

1. The foregoing recitations are true and correct.

2. According to the Memorandum of Understanding between the California Coastal Commission and SANDAG, the Beach Sand Replenishment/Mitigation Funds are available for projects that place sand on the beach.

3. That the City Council approves the request to utilize all available funding from the Beach Sand Replenishment/Mitigation Fund for the City of Imperial Beach to be used for construction of SANDAG’s Regional Beach Sand Project II.

PASSED, APPROVED, AND ADOPTED by the City Council of the City of Imperial Beach at its meeting held on the 3rd day of August 2011, by the following vote:

AYES: COUNCILMEMBERS: KING, BRAGG, SPRIGGS, BILBRAY, JANNEY
NOES: COUNCILMEMBERS: NONE
ABSENT: COUNCILMEMBERS: NONE

JAMES C. JANNEY, MAYOR

ATTEST:

JACQUELINE M. HALD, MMC
CITY CLERK
Goals and Objectives:

To both inform and educate the public about RBSP II construction taking place April - October 2012 and how the project benefits the region.

Target Audiences:

- Beach goers from Oceanside to Imperial Beach
- Press
- Other interested residents
- Coastal business community
- Elected officials/city staff in project cities

Key Messages:

- RBSP II supports a healthy economy in the coastal cities
  - Slows beach erosion, preserving and enhancing recreational opportunities
  - Supports the visitor industry
  - Protects public and private infrastructure from storm damage

- RBSP II will enhance the nearshore environment
  - Extensive monitoring of RBSP I showed that the project had beneficial effects and no adverse environmental impacts
  - Enhancement and creation of sandy beach habitat increases usage by shorebirds and other animals, like grunion for many years following construction
  - RBSP II will replicate the first project
  - Environmental monitoring during construction of RBSP II will ensure no impacts to the environment
  - Sand from offshore sources

- Sand nourishment can feed the beach and nearshore system for as much as five to ten years
  - State Department of Water Resources and the participating cities have determined that it is worth the investment
  - Supports the economy
  - Keeps beaches usable for local residents and visitors
  - Paid for with a combination of funds from state grants and participating cities
  - Sand washes on and off shore, remaining in the system for a long period of time
  - Beach nourishment has a cumulative benefit, replacing sand that would have been provided by natural processes in the absence of development

Specific Questions to Address:

- Why are we placing sand on the region’s beaches? What are the economic benefits of this project?
- Which beaches will be affected? Will I still be able to use that area of the beach?
- Why are you doing this during the summer when beaches are being used the most?
- How long will construction at each beach take?
- How is this different from the first beach sand replenishment project? Where did that sand go? Won’t this sand just wash away, too?
- What will the beach look like after the sand is added?
- Where does the sand come from?
Communications Plan: Regional Beach Sand Project II (April 2012 – October 2012)

11/9/2011

Strategy:

Partner with participating cities to conduct proactive outreach to key stakeholders before and during construction, communicating the benefits of the project and creating an informed set of stakeholders able to address potential questions/misunderstandings/criticisms.

Tactics:

- Create a list of stakeholders
  1. Set up general e-mail address for people to send their comments and questions to, and that people can use to sign-up for construction updates (e.g., beachesand@sandag.org).
  2. Solicit e-mail addresses from people interested in construction information and send them weekly construction updates. Solicitation for e-mail addresses can be done via Facebook, Twitter, rEgion articles, press releases, newsletters, signs, and/or SANDAG RBSP II Web page.

- Develop information materials and disseminate through hard copies, e-mail and the Web
  1. Update existing RBSP II fact sheet with new information.
  2. Create a new flyer entitled “How to Build a Beach” with information about how the replenishment process works and why it is important for the region.
  3. Update existing RBSP II SANDAG Web page with new project information and weekly construction updates.
  4. Ask cities to place a notice on their Web site home pages regarding dates of construction in their area.
  5. Publish information in rEgion newsletter.

- Create info hotline
  1. Set-up a RBSP II telephone hotline that people can call to find out the latest construction information. Message should be updated weekly with the same info posted to the Web site project page.

- Use Social Media to communicate key info on project and ongoing construction
  1. Utilize SANDAG Facebook and Twitter pages to keep people informed about the project.
  2. Utilize City Facebook and Twitter pages to spread the word. Cities with Facebook and/or Twitter pages:

    Oceanside http://www.facebook.com/CityofOceanside?sk=wall; http://twitter.com/#!/CityofOceanside


Solana Beach [http://www.facebook.com/CityofSolanaBeach; http://twitter.com/#!/CitySolanaBeach](http://www.facebook.com/CityofSolanaBeach; http://twitter.com/#!/CitySolanaBeach)

Del Mar - no Facebook page

Imperial Beach - no Facebook page

Other Facebook/Twitter pages of interest:


Go Encinitas [http://twitter.com/#!/Go_Encinitas](http://twitter.com/#!/Go_Encinitas)

Imperial Beach Patch [http://twitter.com/#!/IBPatch](http://twitter.com/#!/IBPatch)

Encinitas Patch [http://twitter.com/#!/EncinitasPatch](http://twitter.com/#!/EncinitasPatch)

Carlsbad Patch [http://twitter.com/#!/CarlsbadPatch](http://twitter.com/#!/CarlsbadPatch)

NCTD & MTS pages


- Place articles in press and other publications

  1. Submit articles to cities affected for potential inclusion in their newsletters (e.g., the newsletters often distributed with water bill).

  2. Press Releases – send out general release in March/April announcing start of construction and follow-up with releases to community papers covering areas affected by replenishment as it moves down the coast (e.g., the Coast News, Del Mar Times, Solana Beach Sun, Patch online papers)

  3. Consider placing display advertisement in coastal community papers
Communications Plan: Regional Beach Sand Project II (April 2012 – October 2012)
11/9/2011

- Make presentations to organizations in participating cities
  1. Identify interested community groups and organizations and offer presentations on the project.
  2. Create PowerPoint to use for presentations.
  3. Prepare slideshow for city TV stations
- Place signage at and near construction site
  1. Place two wood (or other type of material not likely to be burned) project information signs at either end of the construction site. The signs should be general so they can be moved from site to site as replenishment continues down the coastline. Signs should include information explaining RBSP II and its benefits.
  2. Place paper signs in plastic sleeves at one or more beach access points where construction is taking place. Signs can be secured to beach access point signs.

Materials:
- Project fact sheet/flyer
- Articles/Blurbs for city newsletters/Web sites
- Large signs for construction location/small sign for beach access points
- E-mail address/phone hotline
- Presentation PowerPoint
- Q & A document

Timeline/ Work plan:

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<td>Fact Sheet Update</td>
<td>Shelby/Joy</td>
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<tr>
<td>Now – March</td>
<td>Flyer/Q&amp;As</td>
<td>Shelby/Joy</td>
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<td>Now – March &amp; then ongoing</td>
<td>SANDAG Web site project page Update</td>
<td>Shelby/Joy</td>
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<td>Now – March</td>
<td>Set-up e-mail</td>
<td>Shelby/Joy/Dhritiman</td>
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<td>April - October</td>
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TO: Shoreline Preservation Working Group

FROM: Shelby Tucker, SANDAG Staff

SUBJECT: 2012 Meeting Schedule

The Shoreline Preservation Working Group (SPWG) holds regular meetings the first Thursday of every other month at 11:30 a.m. in SANDAG’s 7th Floor Conference Room. The meeting schedule for 2012 is listed below.

In anticipation of the construction of the Regional Beach Sand Project (RBSP), additional special meetings have been added to the 2012 schedule to cover the construction period from March through November 2012. These meetings will primarily be to update the Working Group on the RBSP, dates are provided for information. If a special meeting is to occur, an agenda will be provided one week prior.

Please note that meetings are subject to change and notification will be provided to all members and interested parties. Cancellation notices also are posted on the Web site, www.sandag.org.

2012 SPWG Regular Meetings:
- February 2
- April 5
- June 7
- August 2
- October 4
- December 6

2012 Special RBSP Meetings:
- March 1
- May 3
- July 5
- September 6
- November 1

Please feel free to contact me at (619) 699-1916 or stu@sandag.org if you have questions regarding the meeting schedule or if you would like to suggest a topic for discussion at a future meeting.

STU/ais