REGIONAL PLANNING COMMITTEE AGENDA

Friday, December 4, 2015
12 noon to 2 p.m.
SANDAG Board Room
401 B Street, 7th Floor
San Diego

AGENDA HIGHLIGHTS

- PROPOSED FY 2016 PROGRAM BUDGET AMENDMENT: ENERGY ROADMAP PROGRAM
- REGIONAL MOBILITY HUB IMPLEMENTATION STRATEGY
- DATA SURFER: NEW SANDAG WEB TOOL FOR REGIONAL DEMOGRAPHICS DATA

PLEASE SILENCE ALL ELECTRONIC DEVICES DURING THE MEETING

YOU CAN LISTEN TO THE REGIONAL PLANNING COMMITTEE MEETING BY VISITING OUR WEBSITE AT SANDAG.ORG

MISSION STATEMENT

The Regional Planning Committee provides oversight for the preparation and implementation of the Regional Comprehensive Plan that is based on the local general plans and regional plans and addresses interregional issues with surrounding counties and Mexico. The components of the plan include: transportation, housing, environment (shoreline, air quality, water quality, habitat), economy, borders, regional infrastructure needs and financing, and land use and design.

San Diego Association of Governments · 401 B Street, Suite 800, San Diego, CA 92101-4231
(619) 699-1900 · Fax (619) 699-1905 · sandag.org
Welcome to SANDAG. Members of the public may speak to the Regional Planning Committee on any item at the time the Committee is considering the item. Please complete a Speaker’s Slip, which is located in the rear of the room, and then present the slip to Committee staff. Members of the public may address the Committee on any issue under the agenda item entitled Public Comments/Communications/Member Comments. Public speakers are limited to three minutes or less per person. The Regional Planning Committee may take action on any item appearing on the agenda.

Public comments regarding the agenda can be sent to SANDAG via comment@sandag.org. Please include the agenda item, your name, and your organization. Email comments should be received no later than 12 noon, two working days prior to the Regional Planning Committee meeting. Any handouts, presentations, or other materials from the public intended for distribution at the Regional Planning Committee meeting should be received by the Clerk of the Committee no later than 12 noon, two working days prior to the meeting.

In order to keep the public informed in an efficient manner and facilitate public participation, SANDAG also provides access to all agenda and meeting materials online at www.sandag.org/meetings. Additionally, interested persons can sign up for e-notifications via our e-distribution list at either the SANDAG website or by sending an email request to webmaster@sandag.org.

SANDAG operates its programs without regard to race, color, and national origin in compliance with Title VI of the Civil Rights Act. SANDAG has developed procedures for investigating and tracking Title VI complaints and the procedures for filing a complaint are available to the public upon request. Questions concerning SANDAG nondiscrimination obligations or complaint procedures should be directed to SANDAG General Counsel, John Kirk, at (619) 699-1997 or john.kirk@sandag.org. Any person who believes himself or herself or any specific class of persons to be subjected to discrimination prohibited by Title VI also may file a written complaint with the Federal Transit Administration.

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.

SANDAG agenda materials can be made available in alternative languages. To make a request, call (619) 699-1900 at least 72 hours in advance of the meeting.

Los materiales de la agenda de SANDAG están disponibles en otros idiomas. Para hacer una solicitud, llame al (619) 699-1900 al menos 72 horas antes de la reunión.

如有需要，我们可以把SANDAG议程材料翻译成其他语言。

请在会议前至少72小时打电话(619) 699-1900提出请求。

SANDAG offices are accessible by public transit. Phone 511 or see 511sd.com for route information. Bicycle parking is available in the parking garage of the SANDAG offices.
**REGIONAL PLANNING COMMITTEE**  
**Friday, December 4, 2015**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>RECOMMENDATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1.</td>
<td>APPROVAL OF MEETING MINUTES</td>
</tr>
<tr>
<td></td>
<td>The Regional Planning Committee is asked to review and approve the minutes from its November 6, 2015, meeting.</td>
</tr>
<tr>
<td>2.</td>
<td>PUBLIC COMMENTS/COMMUNICATIONS/MEMBER COMMENTS</td>
</tr>
<tr>
<td></td>
<td>Members of the public shall have the opportunity to address the Regional Planning Committee on any issue within the jurisdiction of the Committee 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 Clerk prior to speaking. Public speakers should notify the Clerk if they have a handout for distribution to Committee members. Public speakers are limited to three minutes or less per person. Committee members also may provide information and announcements under this agenda item.</td>
</tr>
</tbody>
</table>

**CONSENT**

| +3. | TransNet ENVIRONMENTAL MITIGATION PROGRAM: LAND MANAGEMENT GRANT PROGRAM QUARTERLY STATUS UPDATE (Sarah Pierce) | INFORMATION |
|     | The Board of Directors has awarded grants for seven cycles of the TransNet Environmental Mitigation Program Land Management Grant Program. This report provides information on the quarterly status of active projects. |

**REPORTS**

| +4. | PROPOSED FY 2016 PROGRAM BUDGET AMENDMENT: ENERGY ROADMAP PROGRAM (Susan Freedman) | RECOMMEND |
|     | The Regional Planning Committee is asked to recommend that the Board of Directors approve the proposed FY 2016 Program Budget amendment, accepting San Diego Gas & Electric (SDG&E) grant funds totaling $4,868,210 for Overall Work Program Project No. 3201100: Energy Roadmap Program: SDG&E (the Program), and authorize the Executive Director to take all steps necessary to implement the Program. Funding for future years will be addressed through the annual program budget process. |

| +5. | REGIONAL MOBILITY HUB IMPLEMENTATION STRATEGY (Miriam Kirshner) | INFORMATION |
|     | Mobility hubs are a key concept included in San Diego Forward: The Regional Plan. SANDAG has initiated work on the development of a Regional Mobility Hub Implementation Strategy, which includes developing a list of candidate Mobility Hub locations; a catalog of standard features, services, and design guidelines; and a phased implementation plan. |
6. DATA SURFER: NEW SANDAG WEB TOOL FOR REGIONAL DEMOGRAPHICS DATA (Kirby Brady)

Staff will provide an overview of Data Surfer, a free, interactive web tool that enables users to customize their own data sets and download them into a variety of formats. The site provides access to census data, growth estimates, and forecasts through 2050, organized by geography.

7. CONTINUED PUBLIC COMMENTS

If the five speaker limit for public comments was exceeded at the beginning of this agenda, other public comments will be taken at this time. Subjects of previous agenda items may not again be addressed under public comment.

8. UPCOMING MEETINGS

The next meeting of the Regional Planning Committee will be held on Friday, February 5, 2016.

9. ADJOURNMENT

+ next to an agenda item indicates an attachment
The meeting of the Regional Planning Committee was called to order by Chair Lesa Heebner (North County Coastal) at 12:11 p.m. See the attached attendance sheet for the Regional Planning Committee member attendance.

1. APPROVAL OF MEETING MINUTES (APPROVE)

Action: Upon a motion by Mayor Sam Abed (North County Inland) and a second by Councilmember Lori Zapf (City of San Diego), the Regional Planning Committee approved the meeting minutes of September 4, 2015. Yes – Chair Heebner (North County Coastal), Vice Chair Kristine Alessio (East County), Councilmember Zapf, and Mayor Abed (North County Inland). No – None. Abstain – Deputy Mayor Pamela Bensoussan (South County). Absent – Supervisor Dave Roberts (County of San Diego).

2. PUBLIC COMMENTS/COMMUNICATIONS/MEMBER COMMENTS

Chair Heebner announced the unanimous adoption of San Diego Forward: The Regional Plan (Regional Plan) and the certification of its Environmental Impact Report at the October 9, 2015, Board of Directors meeting, and recognized SANDAG staff for all the hard work.

Chair Heebner announced the extensive collaboration with the San Diego County of Health and Human Services Agency and announced the County’s proclamation of SANDAG as a Live Well Partner.

REPORTS

3. TransNet SMART GROWTH INCENTIVE PROGRAM AND ACTIVE TRANSPORTATION GRANT PROGRAM: QUARTERLY PROGRESS REPORT AND PROPOSED GRANT AMENDMENT (APPROVE)

Susan Baldwin, Senior Regional Planner, and Michael Prinz, Senior Planner from the City of San Diego, presented this item and provided an overview of progress made by TransNet Smart Growth Incentive Program and Active Transportation Grant Program recipients through June 30, 2015.

Action: Upon a motion by Councilmember Lori Zapf (City of San Diego), and a second by Vice Chair Kristine Alessio (East County), the Regional Planning Committee recommended that the SANDAG Board of Directors accept the Smart Growth Incentive Program schedule amendment for the City of San Diego’s Morena Boulevard Station Area Study Phase 2 project. Yes – Chair Heebner (North County Coastal), Councilmember Zapf (City of San Diego), Vice Chair Alessio (East County),
Deputy Mayor Pamela Bensoussan (South County), Mayor Abed (North County Inland). No – None. Abstain – None. Absent – Supervisor Roberts (County of San Diego).

4. HEALTHY COMMUNITIES TRANSFORMATION INITIATIVE (INFORMATION)

Chair Heebner (North County Coastal) introduced the item.

Stephan Vance, Senior Regional Planner, presented the item.

The San Diego region was chosen as a pilot site to test the utility of the U.S. Department of Housing and Urban Development’s on-line Healthy Communities Index and Healthy Communities Assessment Tool.

**Action:** This item was presented for information only.

6. PRESENTATION ON "OPENING SAN DIEGO’S DOOR TO LOWER HOUSING COSTS" (INFORMATION)

Dr. Lynn Reaser, Fermanian Business and Economic Institute at Point Loma Nazarene University, presented key findings of a study entitled, “Opening San Diego’s Door to Lower Housing Costs.” Dr. Reaser’s presentation focused on the regulatory costs of housing in the San Diego region, their economic impacts, and policy recommendations included in the report.

Matt Adams, Building Industry Association, stated that based on the results of the study, a coalition called “Housing You Matters” has been formed to improve the housing permitting process.

Mayor Abed commented on this item.

Councilmen Zapf, City of San Diego, spoke on this item.

**Action:** This item was presented for information only.

5. SAN DIEGO REGIONAL CLIMATE COLLABORATIVE (INFORMATION)

Allison Wood, Associate Regional Planner, and Laura Engeman, San Diego Regional Climate Collaborative presented an overview of the Collaborative’s work related to reducing greenhouse gas emissions and preparing for climate impacts.

**Action:** This item was presented for information only.

7. CONTINUED PUBLIC COMMENTS

There were no additional public comments.

8. UPCOMING MEETINGS (INFORMATION)

The next meeting of the Regional Planning Committee is scheduled for Friday, December 4, 2015, at 12 noon.
9. ADJOURNMENT

Chair Heebner adjourned the meeting at 1:48 p.m.
# CONFIRMED ATTENDANCE
## SANDAG REGIONAL PLANNING COMMITTEE MEETING
### NOVEMBER 6, 2015

<table>
<thead>
<tr>
<th>GEOGRAPHICAL AREA/ORGANIZATION</th>
<th>JURISDICTION</th>
<th>NAME</th>
<th>MEMBER/ALTERNATE</th>
<th>ATTENDING</th>
</tr>
</thead>
<tbody>
<tr>
<td>North County Inland</td>
<td>City of Escondido</td>
<td>Sam Abed</td>
<td>Member</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>City of Vista</td>
<td>John Aguilera</td>
<td>Alternate</td>
<td>Yes</td>
</tr>
<tr>
<td>South County</td>
<td>City of Coronado</td>
<td>Carrie Downey</td>
<td>Member</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>City of Chula Vista</td>
<td>Pamela Bensoussan</td>
<td>Alternate</td>
<td>Yes</td>
</tr>
<tr>
<td>North County Coastal</td>
<td>City of Solana Beach</td>
<td>Lesa Heebner</td>
<td>Member</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>City of Oceanside</td>
<td>Esther Sanchez</td>
<td>Alternate</td>
<td>Yes</td>
</tr>
<tr>
<td>East County</td>
<td>City of Coronado</td>
<td>Carrie Downey</td>
<td>Member</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>City of Chula Vista</td>
<td>Pamela Bensoussan</td>
<td>Alternate</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>City of Escondido</td>
<td>Sam Abed</td>
<td>Member</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>City of Vista</td>
<td>John Aguilera</td>
<td>Alternate</td>
<td>Yes</td>
</tr>
<tr>
<td>City of San Diego</td>
<td>City of Solana Beach</td>
<td>Lesa Heebner</td>
<td>Member</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>City of Oceanside</td>
<td>Esther Sanchez</td>
<td>Alternate</td>
<td>Yes</td>
</tr>
<tr>
<td>County of San Diego</td>
<td>City of Coronado</td>
<td>Carrie Downey</td>
<td>Member</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>City of Chula Vista</td>
<td>Pamela Bensoussan</td>
<td>Alternate</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>City of Lemon Grove</td>
<td>Jerry Jones</td>
<td>Alternate</td>
<td>Yes</td>
</tr>
<tr>
<td>Advisory Member</td>
<td>Caltrans, District 11</td>
<td>Laurie Berman</td>
<td>Member</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bill Figge</td>
<td>Alternate</td>
<td>Yes</td>
</tr>
<tr>
<td>Advisory Member</td>
<td>San Diego Unified Port District</td>
<td>Marshall Merrifield</td>
<td>Member</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ann Moore</td>
<td>Alternate</td>
<td>No</td>
</tr>
<tr>
<td>Advisory Member</td>
<td>San Diego County Water Authority</td>
<td>Elsa Saxod</td>
<td>Member</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ken Olson</td>
<td>Alternate</td>
<td>No</td>
</tr>
<tr>
<td>Advisory Member</td>
<td>MTS</td>
<td>Mona Rios</td>
<td>Member</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Myrtle Cole</td>
<td>Alternate</td>
<td>No</td>
</tr>
<tr>
<td>Advisory Member</td>
<td>NCTD</td>
<td>Don Mosier</td>
<td>Member</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chuck Lowery</td>
<td>Alternate</td>
<td>No</td>
</tr>
<tr>
<td>Advisory Member</td>
<td>Regional Planning Technical Working Group (TWG)</td>
<td>Brad Raulston</td>
<td>Member</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jeff Murphy</td>
<td>Alternate</td>
<td>No</td>
</tr>
<tr>
<td>Advisory Member</td>
<td>Southern California Tribal Chairmen’s Association</td>
<td>Eric LaChappa</td>
<td>Member</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Allen Lawson (San Pasqual)</td>
<td>Alternate</td>
<td>No</td>
</tr>
<tr>
<td>Advisory Member</td>
<td>Department of Defense</td>
<td>Steve Chung</td>
<td>Member</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Matt Ryan</td>
<td>Alternate</td>
<td>No</td>
</tr>
<tr>
<td>Environmental Mitigation Program Advisory Member</td>
<td>Wildlife Conservation Board</td>
<td>Dave Means</td>
<td>Member</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Vacant</td>
<td>Alternate</td>
<td>---</td>
</tr>
<tr>
<td>Environmental Mitigation Program Advisory Member</td>
<td>California Department of Fish and Wildlife</td>
<td>David Mayer</td>
<td>Member</td>
<td>---</td>
</tr>
<tr>
<td>Environmental Mitigation Program Advisory Member</td>
<td>US Army Corps of Engineers</td>
<td>Therese Bradford</td>
<td>Member</td>
<td>No</td>
</tr>
<tr>
<td>Environmental Mitigation Program Advisory Member</td>
<td>US Fish and Wildlife Service</td>
<td>Susan Wynn</td>
<td>Alternate</td>
<td>No</td>
</tr>
</tbody>
</table>
TransNet ENVIRONMENTAL MITIGATION PROGRAM: LAND MANAGEMENT GRANT PROGRAM QUARTERLY STATUS UPDATE

Introduction

The Board of Directors entered into a Memorandum of Agreement (MOA) with state and federal agencies on the implementation of the TransNet Environmental Mitigation Program (EMP). Originally signed on February 22, 2008, the MOA was most recently amended on April 26, 2013.

A provision of the MOA allocates $4 million annually for ten years to implement regional habitat management and monitoring efforts to help maintain the region’s biological integrity, thus helping to avoid the future listing of endangered species. The Board of Directors allocates a portion of the $4 million annually for the TransNet EMP Land Management Grant Program to assist land managers in filling funding gaps to promote regional priorities. The purpose of this report is to provide information to the Committee on the quarterly status of active land management grant projects (Attachment 1).

Discussion

The TransNet Extension Ordinance and Expenditure Plan, approved by voters in November 2004, includes the EMP, which provides funding to mitigate habitat impacts from regional and local transportation projects, and provides funding for regional land management and biological monitoring. A portion of this funding is distributed through a competitive Land Management Grant Program, which is administered consistent with the requirements identified in Board Policy No. 035: Competitive Grant Program Procedures.

Since the program’s inception, 81 land management grants totaling $13 million in TransNet funding have been awarded to land management entities in the region through a competitive grant program. Eligible applicants include land managers from private and nonprofit organizations, local jurisdictions, and other government agencies. Between July 1, 2015, and September 30, 2015, five projects were completed bringing the total number of completed land management grant projects to 59. The grant projects completed this quarter include: the San Diego River Habitat Project by the San Diego River Conservancy; the Salt Creek Canyon Project by the City of Chula Vista; Phase 3 of the Radio-Encanto Restoration Project by Groundwork San Diego-Chollas Creek; the Sycamore Canyon and Goodan Ranch Invasive Removal Project by the County of San Diego; and the San Diego River Park Watch Project by the San Diego River Park Foundation. Attachment 1 provides the status
report of the 21\(^1\) active land management grants covering the reporting period of July 1, 2015, to September 30, 2015.

Projects under the EMP Land Management Grant Program are placed on the “watch list” if a grantee is not making timely progress toward their milestones (which are defined in Board Policy No. 035) and the grantee has not yet sought corrective action. Delays in tasks leading up to either the award of a contract or project completion may place grantees on the watch list. No projects are currently on the watch list.

Grant Oversight

SANDAG staff provides ongoing oversight of projects under the TransNet-funded EMP Land Management Grant Program through review of quarterly reports and invoices. Annual and quarterly status updates are provided to the Independent Taxpayer Oversight Committee (ITOC) and the Regional Planning and Transportation Committees.

Staff reviews quarterly reports to ensure that grantees are making timely progress with respect to Board Policy No. 035 provisions and to ensure that the project submission of deliverables matches the scopes of work in their grant contract agreements.

Next Steps

The next quarterly status report of active land management grant projects (covering October 1, 2015, to December 31, 2015) is expected to be presented in March 2016 to the ITOC and Regional Planning and Transportation Committees.

CHARLES “MUGGS” STOLL
Director of Land Use and Transportation Planning

Attachment: 1. Status of Active TransNet EMP Land Management Grant Program Projects:
Reporting period July 1, 2015, to September 30, 2015

Key Staff Contact: Sarah Pierce, (619) 699-7312, sarah.pierce@sandag.org

---

\(^1\) The SANDAG Board of Directors approved eleven land management grants in July 2015. One grant contract has not yet been executed and therefore is not included as part of this report.
## Status of Active TransNet EMP Land Management Grant Program Projects:

Reporting period July 1 to September 30, 2015

<table>
<thead>
<tr>
<th>FY</th>
<th>Date BOD Approval</th>
<th>Contract #</th>
<th>IFAS Project #</th>
<th>Grantee</th>
<th>Project</th>
<th>Description of Project Activities</th>
<th>Grant Amount</th>
<th>Contract Execution Date</th>
<th>Contract / Project Expiration Date</th>
<th>Watch List*</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>4th Cycle - FY 2010</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 2010</td>
<td>09/25/09</td>
<td>5001589</td>
<td>1200351</td>
<td>County of San Diego</td>
<td>Lakeside Linkage</td>
<td>Plant coast prickly pear cactus on 5 acres adjacent to cactus wren populations, and control invasive plant species.</td>
<td>$200,824.00</td>
<td>04/12/11</td>
<td>01/31/17</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
<tr>
<td>5th Cycle - FY 2011</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 2011</td>
<td>01/28/11</td>
<td>5001972</td>
<td>1200360</td>
<td>Chaparral Lands Conservancy</td>
<td>Proctor Valley Vernal Pools</td>
<td>Restore and enhance quality of vernal pools and habitat at a 6-acre site in Proctor Valley.</td>
<td>$183,605.00</td>
<td>05/09/12</td>
<td>03/30/16</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
<tr>
<td>6th Cycle - FY 2013</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 2013</td>
<td>09/28/12</td>
<td>5001758</td>
<td>1200379</td>
<td>Mision Resource Conservation District</td>
<td>San Luis Rey and Santa Margarita Watersheds Arundo Re-treatment</td>
<td>Continue retreatments to continue moving towards the long-term goal of 100% eradication of invasive non-native Arundo in the Santa Margarita and San Luis Rey Watersheds.</td>
<td>$174,000.00</td>
<td>09/01/13</td>
<td>12/01/15</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
<tr>
<td>4 2013</td>
<td>09/28/12</td>
<td>5001761</td>
<td>1200382</td>
<td>U.S. Fish and Wildlife Service</td>
<td>SDNWR: (Shinohara) Vernal Pool Invasive Weed Treatment</td>
<td>Shinohara Parcel on SDNWR still has a substantial weed load. Hand weeding within restored pools and herbicide application adjacent to pools to treat weeds that inhibit full ecosystem function.</td>
<td>$95,400.00</td>
<td>09/01/13</td>
<td>12/31/15</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
<tr>
<td>5 2013</td>
<td>09/28/12</td>
<td>5001763</td>
<td>1200384</td>
<td>Conservation Biology Institute</td>
<td>Dehesa nolina and Dudleya</td>
<td>Enhance, restore, and protect Dehesa nolina and variegated dudleya on portions of the South Crest property. Develop a science-based Conservation Vision and Management Strategy for Dehesa nolina in Management Unit 3.</td>
<td>$114,810.00</td>
<td>09/01/13</td>
<td>09/01/16</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
<tr>
<td>6 2013</td>
<td>09/28/12</td>
<td>5001764</td>
<td>1200385</td>
<td>Back Country Land Trust</td>
<td>San Diego thornmint and Quino Checkerspot Butterfly</td>
<td>Enhance native grassland habitat, populations of San Diego thornmint, and plantago erecta (host plant for Quino checkerspot butterfly) at Wright's Field.</td>
<td>$108,540.00</td>
<td>09/27/13</td>
<td>09/27/16</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
<tr>
<td>7 2013</td>
<td>09/28/12</td>
<td>5001765</td>
<td>1200386</td>
<td>San Diego Audubon Society</td>
<td>California least tern</td>
<td>Observe and record predation events in order to provide recommendations for improving efficacy of predator management actions and in turn improve breeding productivity of CA least tern in Mission Bay Park.</td>
<td>$58,464.00</td>
<td>09/01/13</td>
<td>09/01/16</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
<tr>
<td>8 2013</td>
<td>09/28/12</td>
<td>5001766</td>
<td>1200387</td>
<td>Otag Water District</td>
<td>Cactus wren</td>
<td>Create cactus dominated Diegan coastal sage scrub habitat at the San Miguel Habitat Management Area that can support wintering cactus wren and a minimum of two pairs of nesting coastal cactus wrens.</td>
<td>$88,840.00</td>
<td>09/01/13</td>
<td>10/01/16</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
<tr>
<td>9 2013</td>
<td>09/28/12</td>
<td>5001767</td>
<td>1200388</td>
<td>Chaparral Lands Conservancy</td>
<td>Rare Plants</td>
<td>Prepare site plans for stabilization and expansion of Orcutt's spineflower populations and site protection for spineflower, San Diego thornmint, and Short-leaved dudleya.</td>
<td>$137,610.50</td>
<td>09/01/13</td>
<td>03/01/16</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
<tr>
<td>10 2013</td>
<td>09/28/12</td>
<td>5001768</td>
<td>1200389</td>
<td>San Elijo Lagoon Conservancy</td>
<td>North County Dunes Restoration (Coastal Species)</td>
<td>Survey and conduct restoration activities at potential dune habitat between northern Carlsbad and northern La Jolla in order to extend the range and increase the population of dune-dependent species CA least tern, Western snowy plover, and Nuttall’s lotus.</td>
<td>$180,144.00</td>
<td>09/01/13</td>
<td>03/01/16</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
<tr>
<td>11 2013</td>
<td>09/28/12</td>
<td>5001769</td>
<td>1200390</td>
<td>U.S. Fish and Wildlife Service</td>
<td>SD Bay NWR: California least tern and Western snowy plover Recovery at D Street Nesting Site</td>
<td>Support the recovery and protection of the CA least tern and western snowy plover through nest site preparation and predator management at the D St Fill.</td>
<td>$111,591.50</td>
<td>09/01/13</td>
<td>11/01/15</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
</tbody>
</table>

*Watch List Projects are those grantees not making timely progress toward their milestones (which are defined in Board Policy No. 035) and not yet sought corrective action. Delays in tasks leading up to either the award of a contract or project compl...
<table>
<thead>
<tr>
<th>#</th>
<th>FY</th>
<th>Date BOD Approval</th>
<th>Contract #</th>
<th>IFAS Project #</th>
<th>Grantee</th>
<th>Project</th>
<th>Description of Project Activities</th>
<th>Grant Amount</th>
<th>Contract Execution Date</th>
<th>Contract / Project Expiration Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>2015</td>
<td>7/24/2015</td>
<td>5004735</td>
<td>1201301</td>
<td>Conservation Biology Institute</td>
<td>Brachypodium Phase 2</td>
<td>Control invasive grass, Brachypodium distachyon, in 4 locations by refining existing Brachypodium Best Management Practices.</td>
<td>$100,000</td>
<td>09/15/15</td>
<td>09/15/17</td>
<td>No</td>
</tr>
<tr>
<td>13</td>
<td>2015</td>
<td>7/24/2015</td>
<td>5004731</td>
<td>1201305</td>
<td>City of Chula Vista</td>
<td>Otay River Valley and Salt Creek Cactus Wren</td>
<td>Increase the amount of suitable habitat and improve connectivity for the coastal cactus wren along Otay River Valley and Salt Creek through restoration and enhancement of degraded habitat areas.</td>
<td>$66,840</td>
<td>09/17/15</td>
<td>09/17/18</td>
<td>No</td>
</tr>
<tr>
<td>14</td>
<td>2015</td>
<td>7/24/2015</td>
<td>5004737</td>
<td>1201303</td>
<td>Earth Discovery Institute</td>
<td>South San Diego County Community 3</td>
<td>Extend conservation outreach and environmental education through interpretive and habitat conservation events, student involvement, and volunteer patrols.</td>
<td>$159,500</td>
<td>09/29/15</td>
<td>09/29/16</td>
<td>No</td>
</tr>
<tr>
<td>15</td>
<td>2015</td>
<td>7/24/2015</td>
<td>5004732</td>
<td>1200397</td>
<td>Mission Resource Conservation District</td>
<td>San Luis Rey, Santa Margarita &amp; San Dieguito Watersheds</td>
<td>Re-treatment of Arundo and maintenance of the right-of-entry (ROE) database, to allow re-treatments to occur on over 350 public and private properties in these watersheds.</td>
<td>$300,000</td>
<td>09/28/15</td>
<td>09/28/18</td>
<td>No</td>
</tr>
<tr>
<td>16</td>
<td>2015</td>
<td>7/24/2015</td>
<td>5004738</td>
<td>1201304</td>
<td>County of San Diego</td>
<td>Furby-North Preserve</td>
<td>Addition of signage, fencing and gates on the Furby-North Property to prevent unauthorized access into and across the Property and allow for future active restoration of the unauthorized trails as outlined in the Resource Management Plan.</td>
<td>$119,046</td>
<td>10/20/15</td>
<td>02/20/17</td>
<td>No</td>
</tr>
<tr>
<td>17</td>
<td>2015</td>
<td>7/24/2015</td>
<td>5004730</td>
<td>1200396</td>
<td>County of San Diego</td>
<td>Otay River Valley Cactus Wren</td>
<td>Restore and enhance areas of degraded habitat along Otay River Valley to increase the amount of suitable habitat and improve connectivity for the coastal cactus wren.</td>
<td>$189,836</td>
<td>10/20/15</td>
<td>10/20/18</td>
<td>No</td>
</tr>
<tr>
<td>18</td>
<td>2015</td>
<td>7/24/2015</td>
<td>5004729</td>
<td>1200395</td>
<td>San Diego Audubon Society</td>
<td>Nuttall's Lotus</td>
<td>Maintain and expand certain extant small and large populations of Nuttall's Lotus within Mission Bay Park.</td>
<td>$110,017</td>
<td>09/14/15</td>
<td>09/14/18</td>
<td>No</td>
</tr>
<tr>
<td>19</td>
<td>2015</td>
<td>7/24/2015</td>
<td>5004734</td>
<td>1200399</td>
<td>San Elijo Lagoon Conservancy</td>
<td>Carlsbad Hydrologic Unit 2</td>
<td>Invasive plant re-treatments, limited new treatments, revegetation and habitat restoration, detailed mapping of invasive plants throughout the Carlsbad Hydrologic Unit.</td>
<td>$100,000</td>
<td>09/08/15</td>
<td>09/08/17</td>
<td>No</td>
</tr>
<tr>
<td>20</td>
<td>2015</td>
<td>7/24/2015</td>
<td>5004733</td>
<td>1200398</td>
<td>Sweetwater Water Authority</td>
<td>Sweetwater Reservoir Wetland</td>
<td>Purchase of plant materials and seed as part of a large-scale wetland riparian adaptive management - Sweetwater Reservoir Wetland Habitat Recovery Project.</td>
<td>$100,000</td>
<td>09/18/15</td>
<td>08/31/22</td>
<td>No</td>
</tr>
<tr>
<td>21</td>
<td>2015</td>
<td>7/24/2015</td>
<td>5004728</td>
<td>1200394</td>
<td>Zoological Society of San Diego</td>
<td>Cactus Wren 2015</td>
<td>Implement active restoration of critical cactus wren habitat in the Lake Hodges area and developing a North County Cactus Nursery that will supply local native cacti to restoration projects throughout the region for 2 years.</td>
<td>$230,721</td>
<td>09/22/15</td>
<td>02/28/18</td>
<td>No</td>
</tr>
</tbody>
</table>

*Watch List Projects are those grantees not making timely progress toward their milestones (which are defined in Board Policy No. 035) and not yet sought corrective action. Delays in tasks leading up to either the award of a contract or project complex
PROPOSED FY 2016 PROGRAM BUDGET AMENDMENT:
ENERGY ROADMAP PROGRAM

Introduction

The California Public Utilities Commission (CPUC) oversees ratepayer-funded energy efficiency (EE) programs of roughly one billion dollars per year. In October, the CPUC restated its funding commitment and approved the continuation of EE programs for a maximum of ten years. Current EE programs, including the Energy Roadmap Program, were scheduled to sunset on December 31, 2015.

The SANDAG Board of Directors approved the establishment of the Energy Roadmap Program in 2009, and approved program extensions with additional budgets in 2012 and 2014. SANDAG has been coordinating with San Diego Gas & Electric (SDG&E) on a new contract for a potential five-year extension of the program. The proposed budget amendment (Attachment 1) would enable SANDAG to continue the Energy Roadmap Program through the remainder of FY 2016. Proposed funding for future years will be addressed through the annual program budget process.

Discussion

Energy efficiency programs range from lighting rebates to workforce training and Local Government Partnerships (LGPs) like the Energy Roadmap Program. SDG&E has had LGPs with three member agencies since 2006: the City of Chula Vista, City of San Diego, and County of San Diego. The Port of San Diego and SANDAG LGPs began in 2010. The SANDAG program was established to provide energy and climate planning resources, as well as energy engineering and retrofit project support, to the remaining 16 member agencies. SANDAG also works collaboratively with the other LGPs on the San Diego Regional Climate Collaborative and other region-wide sustainability projects. Continued grant funding would support implementation of San Diego Forward: The Regional Plan (Regional Plan), the Regional Energy Strategy, and the Climate Action Strategy.

Recommendation

The Regional Planning Committee is asked to recommend that the Board of Directors approve the proposed FY 2016 Program Budget amendment (Attachment 1), accepting San Diego Gas & Electric (SDG&E) grant funds totaling $4,868,210 for Overall Work Program Project No. 3201100: Energy Roadmap Program: SDG&E (the Program), and authorize the Executive Director to take all steps necessary to implement the Program.
**Regional Plan Implementation**

The Regional Plan was adopted on October 9, 2015. It identifies the Energy Roadmap Program as a means to support member agency climate action planning and the reduction of greenhouse gas (GHG) emissions in the following ways.

- Environmental Impact Report mitigation measure GHG-4E commits SANDAG to “assist in the preparation of Climate Action Plans (CAPs) and other measures to reduce GHG emissions.”
- Chapter 5: Ensuring Performance, the plan recommends that SANDAG, “support the efforts of local jurisdictions to implement their Energy Roadmaps to save energy in their own operations and in their larger communities.”
- Regional Plan appendices include the Climate Change Mitigation and Adaptation White Paper, Regional Energy Strategy, and Climate Action Strategy, which identify the Energy Roadmap program as a means to support local government policies and projects to reduce GHG emissions.

**Energy Roadmap Implementation**

At each juncture in the program, SANDAG has sought input from member agency staff on the types of energy engineering, planning, and project services that could support local efforts. Based on the responses as well as direction from the CPUC, the implementation activities identified below would be implemented. Pending approval of the agreement and the budget amendment, SANDAG would prepare a competitive procurement in early 2016 to obtain one or more organizations to support these energy-related services.

**Energy Engineering**

A primary objective of the LGP is to reduce energy use at municipal sites. The Program has worked to achieve municipal energy savings by offering technical assistance to local governments on retrofit projects and project financing options. Types of technical services planned include:

- Project analysis and selection/feasibility studies
- Development of product/technology specifications
- Support for contractor procurement
- Completion and submittal of financing requirements
- EnergyStar certification of facilities
- Building (energy) performance monitoring
Energy and Climate Planning

In support of the Regional Plan, SANDAG is interested in expanding the resources and data available to local governments for energy and climate planning, implementation, and performance monitoring. With this program’s continuation, the following tasks could be undertaken, such as:

- Perform local and regional GHG inventories of municipal and community-wide emissions
- Forecast GHG emissions to 2020 and later dates
- Estimate GHG emission reductions from various measures
- Monitor GHG emissions and track reduction measure implementation at the local level

Subregional Collaboration

As a means to support consistent Roadmap implementation activities, SANDAG has participated in and established subregional networks for member agencies. In 2013, the City of Chula Vista launched a pilot subregional collaboration, called the South Bay Energy Action Collaborative (SoBEAC), to facilitate Roadmap implementation with the Cities of Coronado, Imperial Beach, and National City. SANDAG participated in SoBEAC and found the peer-to-peer network to be a good mechanism to share information and support local sustainability efforts.

In 2015, SANDAG launched the North Coast Energy Action Collaborative with the five North County coastal Cities of Carlsbad, Del Mar, Encinitas, Oceanside, and Solana Beach. Based on positive feedback from the participating cities, SANDAG will coordinate with the city staff from the East County and North County inland subregions to establish similar peer networks.

Region-wide Collaborative Projects with Other SDG&E LGPs

Together, the five SDG&E LGPs established the San Diego Regional Energy Partnership (SDREP). The SDREP members, along with SDG&E, the San Diego Foundation, and the University of San Diego; founded the San Diego Regional Climate Collaborative. In addition, SDREP has funded the following efforts, which are primarily performed by the Center for Sustainable Energy.

- Outreach and coordination with the local real estate community on a “Green MLS”
- Regional energy mapping efforts to support home energy retrofits
- Community workshops and employee-based Home Energy Coach program
- Support for the San Diego Regional Climate Collaborative website and network
- Zero Net Energy Roadmap for local governments and webinars

Additional Resources and Recognition

In 2014-2015, eight Roadmap cities were able to participate in the SDG&E Emerging Cities Program (ECP). The ECP was a mini-grant program that provided resources to cities to implement
components of their Energy Roadmaps that fell outside of the SANDAG scope. These were generally short-term projects like local GHG inventories, forecasts, CAP measures, community outreach events, and other tasks. To make it easier for Roadmap cities to take advantage of ECP resources going forward, SDG&E will have SANDAG conduct some data and methodology collection in-house, and have SANDAG facilitate ECP services across local governments, SDG&E, and consultants.

All Roadmap cities are eligible to join the Beacon Award Program, which recognizes participants at California League of Cities meetings. The Cities of National City and Solana Beach received Beacon Awards for the first time in 2015, joining Chula Vista, La Mesa, and the County from our region. The Roadmap program can assist interested Roadmap cities with applying for this statewide recognition.

**Next Steps**

Pending today’s recommendation by the Regional Planning Committee, the Board of Directors will consider this item at their meeting on December 17, 2015. If approved, SDG&E and SANDAG would enter into a five-year contract effective January 1, 2016. Through a competitive solicitation, one or more firms will be selected to provide energy engineering expertise and GHG planning services. Staff will provide annual updates to the Regional Planning Committee and Board on progress.

CHARLES “MUGGS” STOLL
Director of Land Use and Transportation Planning

Attachment: 1. OWP No. 32011.00 Proposed Amendment

Key Staff Contact: Susan Freedman, (619) 699-7387, susan.freedman@sandag.org
WORK ELEMENT: 32011.00  NEW - Energy Roadmap Program: SDG&E
FY 2016 BUDGET: $0 $328,087
AREA OF EMPHASIS: Sustainable Development: Planning and Funding Strategies

Amendment Title: Energy Roadmap Program: SDG&E

<table>
<thead>
<tr>
<th>Funds Source</th>
<th>Prior</th>
<th>FY 2016</th>
<th>FY 2017</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Diego Gas &amp; Electric</td>
<td>$0</td>
<td>$328,087</td>
<td>$0</td>
<td>$328,087</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$0</td>
<td>$328,087</td>
<td>$0</td>
<td>$328,087</td>
</tr>
</tbody>
</table>

Note: New Revenue Agreement under new project number (old agreement under #32007.00)

<table>
<thead>
<tr>
<th>Funds Application</th>
<th>Prior</th>
<th>FY 2016</th>
<th>FY 2017</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries, Benefits, Indirect</td>
<td>$0</td>
<td>$175,379</td>
<td>$0</td>
<td>$175,379</td>
</tr>
<tr>
<td>Other Direct Costs</td>
<td>$0</td>
<td>$7,508</td>
<td>$0</td>
<td>$7,508</td>
</tr>
<tr>
<td>Contracted Services</td>
<td>$0</td>
<td>$145,200</td>
<td>$0</td>
<td>$145,200</td>
</tr>
<tr>
<td>Employee Benefits</td>
<td></td>
<td>$0</td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$0</td>
<td>$328,087</td>
<td>$0</td>
<td>$328,087</td>
</tr>
</tbody>
</table>

OBJECTIVE
The Energy Roadmap Program is a Local Government Partnership (LGP) with San Diego Gas and Electric (SDG&E) that supports member agency efforts to save energy, save money, and reduce greenhouse gas (GHG) emissions in city operations and the community. The voluntary program provides energy and climate planning resources, energy engineering and project support, and training for member agencies. When the SANDAG LGP began in 2010, three member agencies already were SDG&E LGPs: cities of Chula Vista and San Diego, and County of San Diego. Therefore, the majority of program services are offered to the sixteen remaining member agencies; while SANDAG undertakes regionwide projects collaboratively with the other LGPs. Each city makes its own determination as to which Roadmap recommendations, if any, to implement.

PREVIOUS ACCOMPLISHMENTS
In November 2009, the SANDAG Board of Directors accepted the SDG&E Partnership funding to fully implement an energy-saving program for member agencies, which was previously available to very few jurisdictions. Previous accomplishments were completed under OWP 3200700 and include the completion of
customized Energy Roadmaps for all sixteen eligible member agencies; over 300 energy audits with performance benchmarks (if applicable) were conducted at municipal sites at no cost to the local governments; assisted ten Roadmap cities thus far in securing additional grants and/or technical resources for energy/ climate planning through the SDG&E Emerging Cities Program; founded the San Diego Regional Climate Collaborative along with the other LGPs, San Diego Foundation, USD and SDG&E; prepared and implementing the SANDAG internal Green Operations Manual; became a Beacon Award Champion and assisted two cities (so far) with receiving Beacon Awards from the Institute of Local Governments. A new OWP was needed to delineate the funding from the end of one contract to the start of a new five-year contract.

Project Manager: Freedman, Susan
Committee(s): Regional Planning Committee
Working Group(s): Regional Energy Working Group

PRODUCTS, TASKS, AND SCHEDULES FOR FY2016

<table>
<thead>
<tr>
<th>Task No.</th>
<th>% of Effort</th>
<th>Task Description / Product / Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10</td>
<td>Task Description: SANDAG Energy Practices: implement the Green Operations manual; address energy and green building codes and standards in SANDAG infrastructure planning and projects; implement the regional energy and climate strategies. Product: Yammer/intranet posts on reduce your use; Earth Day scavenger hunt materials; checklist on progress on Green Ops Manual. Completion Date: 6/30/2016</td>
</tr>
<tr>
<td>2</td>
<td>40</td>
<td>Task Description: Tools/resources to save energy in municipal operations: access to energy engineers to assist with energy audits, management of building retrofits, project financing, and monitoring building performance. Product: RFP for consultant services; contract with energy engineering firm(s); energy audits; completed rebate and incentive applications; performance tracking reports. Completion Date: 6/30/2016</td>
</tr>
<tr>
<td>3</td>
<td>40</td>
<td>Task Description: Energy and climate planning support: includes preparation of regional and local GHG inventories, identification of GHG reduction measures, climate action planning, coordination with SDG&amp;E Emerging Cities Program (ECP); coordination with regional resources such as San Diego Regional Energy Partnership and San Diego Regional Climate Collaborative. Product: RFP for consultant services; contract with consultant(s) to perform GHG inventories and climate planning support; EWG reports and presentations; subregional peer network meeting materials; and ECP applications or similar. Completion Date: 6/30/2016</td>
</tr>
<tr>
<td>4</td>
<td>10</td>
<td>Task Description: Collaborative regional energy projects with other LGPs through the San Diego Regional Energy Partnership: continue operation of San Diego Regional Climate Collaborative (SDRCC); prepare zero net energy (ZNE) policies for local governments; support green business programs in the region; support community outreach on home energy upgrades; support education and trainings for municipal employees. Product: SDRCC steering committee agendas and agendas for quarterly network meetings; guidance materials on ZNE implementation; informational materials to institutionalize a Green MLS; regionally consistent green business informational materials. Completion Date: 6/30/2016</td>
</tr>
</tbody>
</table>

FUTURE ACTIVITIES
## PRODUCTS, TASKS, AND SCHEDULES

<table>
<thead>
<tr>
<th>Task No.</th>
<th>% of Effort</th>
<th>Task Description / Product / Schedule</th>
</tr>
</thead>
</table>
| 1        | 10          | **Task Description:** SANDAG Energy Practices: implement the Green Operations manual; address energy and green building codes and standards in SANDAG infrastructure planning and projects; implement the regional energy and climate strategies.  
**Product:** Yammer/intranet posts on reduce your use; booth at SANDAG Wellness Fairs; checklist on progress on Green Ops Manual; Green Team agendas.  
**Completion Date:** 12/31/2020 |
| 2        | 40          | **Task Description:** Tools/resources to save energy in municipal operations: access to energy engineers to assist with energy audits, management of building retrofits, project financing, and monitoring building performance.  
**Product:** Energy audits, completed rebate and incentive applications, performance tracking reports.  
**Completion Date:** 12/31/2020 |
| 3        | 40          | **Task Description:** Energy and climate planning support: includes preparation of regional and local GHG inventories, identification of GHG reduction measures, climate action planning, coordination with SDG&E Emerging Cities Program (ECP), coordination with regional resources such as San Diego Regional Energy Partnership and San Diego Regional Climate Collaborative.  
**Product:** Regional and local GHG inventories and forecasts; energy and climate planning support; EWG reports and presentations; subregional peer network meeting materials; and ECP applications or similar.  
**Completion Date:** 12/31/2020 |
| 4        | 10          | **Task Description:** Collaborative regional energy projects with other LGPs through the San Diego Regional Energy Partnership (SDREP): continue operation of San Diego Regional Climate Collaborative (SDRCC); prepare zero net energy (ZNE) policies for local governments; support green business programs in the region; support community outreach on home energy upgrades; support education and trainings for municipal employees.  
**Product:** SDRCC steering committee agendas and agendas for quarterly network meetings; materials to assist local and regional government with achievement of state energy and GHG reduction goals.  
**Completion Date:** 12/31/2020 |

Note: This amendment begins a new 5-year contract and budget from SDG&E distinct from OWP 32007 (that had been able to carry-over funds in its 5-year term). The Energy Roadmap Program will provide enhanced services to member agencies with additional climate planning resources and energy engineering support for municipal retrofits. This project will help meet mitigation measure GHG4-E from the Regional Plan Environmental Impact Report.
REGIONAL PLANNING COMMITTEE
DECEMBER 4, 2015
ACTION REQUESTED – INFORMATION

REGIONAL MOBILITY HUB IMPLEMENTATION STRATEGY

File Number 3330800

Introduction

Staff has initiated work on the development of a Regional Mobility Hub Implementation Strategy. Mobility hubs are places of connectivity where different modes of transportation - walking, biking, ridesharing, and public transit - come together seamlessly, and where there is a concentration of employment, housing, shopping, and/or recreation. In addition to serving as places to arrive, depart and wait for transit, mobility hubs have the potential to become vibrant places of activity and destinations in themselves. Staff will present an overview of the planned efforts for completing the Regional Mobility Hub Implementation Strategy for comment and feedback.

Background

Working in partnership with Caltrans, a state transportation planning grant was awarded to SANDAG under the Emerging Priorities Program of the State Highway Account to develop a San Diego County and Imperial Valley Regional Mobility Hub Implementation Strategy. This project is being led by SANDAG in conjunction with the Imperial County Transportation Commission.

Mobility Hubs are a key strategy in San Diego Forward: The Regional Plan for reducing dependency on single occupancy vehicles allowing for reduced traffic congestion and vehicle miles traveled. Mobility hubs improve access to transit by providing a wide range of transportation choices and supportive amenities including: bikeshare, carshare, neighborhood electric vehicles, bike parking, dynamic parking management strategies, real-time traveler information, real-time ridesharing, demand-based shuttle or jitney services, bicycle and pedestrian improvements, wayfinding, urban design enhancements, and supporting systems like mobile applications, electric vehicle charging, smart intersections, and a universal payment system to make it easy to access a wide range of travel. Trolley, SPRINTER, COASTER, and Rapid services are all candidates for mobility hub investment within the San Diego region.

Discussion

The work program involves developing a set of criteria to prioritize potential mobility hub locations, developing a catalog of mobility hub components and infrastructure requirements, and preparing conceptual designs for candidate mobility hub sites that align with the typologies developed as part of the SANDAG Smart Growth Concept Map (or the Caltrans Smart Mobility Place Types in the case of Imperial County). The recently completed Regional Transit Oriented
Development Strategy will be leveraged to ensure a consistent approach. A phasing and implementation strategy that considers the potential for public-private partnerships will also be developed. The criteria that is under consideration for prioritizing mobility hub sites include frequency of transit service, employment and residential density, the extent of adjacent pedestrian and bicycle infrastructure, and geographical distribution of hub locations.

Public and industry outreach is an important component of the effort and is being conducted in two phases. The first phase involves a series of informational electronic mailings followed by a virtual web-based event in which participants are invited to review project information and participate via interactive mapping exercises and opinion surveys. The expected result is input regarding the preferred locations for mobility hubs, criteria for selecting the pilot mobility hub project locations, and hub services and amenities. This event is now underway and set for completion in mid-December. The second phase will be conducted in spring 2016 by way of pop-up outreach activities at candidate mobility hub sites.

**Next Steps**

Staff will continue to refine mobility hub selection criteria and develop a catalog of mobility hub characteristics and infrastructure requirements with the input received through regular updates and interactions with the Regional Planning Committee, other groups, and the public.

CHARLES “MUGGS” STOLL  
Director of Land Use and Transportation Planning

Attachment: 1. Mobility Hub Illustration

Key Staff Contact: Miriam Kirshner, (619) 699-6995, miriam.kirshner@sandag.org
MOBILITY HUB CONCEPT

1. Bike station
2. Real-time transit info
3. Informational kiosk
4. On-demand shuttle
5. Carshare/NEV
6. Bikeshare
7. Shared Segways
8. Smart parking
9. Scootershare
10. Transportation Network Company
11. Wayfinding
12. Universal transportation account
13. Real-time ridesharing

Figure 2

Attachment 1
PROPOSED FY 2016 PROGRAM BUDGET AMENDMENT: ENERGY ROADMAP PROGRAM

Regional Planning Committee
December 4, 2015

2015 Energy Roadmap Program

- Saving energy in municipal facilities
  - More than 300 energy audits
- Climate planning support -
  SDG&E Emerging Cities Program
  - GHG inventories
  - CAP development
  - CAP implementation
- Subregional coordination
  - Pilot NCEAC, SoBEAC
- Staff trainings
- BEACON Award recognition
Helping Implement San Diego Forward

- Chapter 5: Ensuring Performance [of the plan]
- Environmental Impact Report mitigation measure GHG-4E
- Plan appendices:
  - Climate Change Mitigation and Adaptation White Paper
  - Regional Energy Strategy
  - Climate Action Strategy

Reducing Energy Use in Public Buildings

- Independent energy engineering support
- Energy audits
  - Energy costs
  - Buildings performance concerns
  - Moving toward zero net energy
- Provide technical specifications for energy efficient products
- Reduce administrative burden of monetary rebates, incentives, and loans
Greater Climate Planning
Resources Ahead

- Regional framework
- Regular GHG inventory updates
  - Local and regional
- Updated GHG forecasts
  - Local and regional (align with regional growth forecast)
- Tracking CAP implementation
  - e.g., solar PV installed, EV chargers, electricity savings, etc.
- Data collection and reporting

Subregional Coordination

- In 2015, piloted quarterly peer meetings at subregion level on energy and climate efforts (cities chose the meeting topics)
- East County and North County Inland groups to be offered in first and second years of new program
Other Program Elements

- Internal SANDAG activities
- Staff trainings
  - Codes and standards
  - CAP-related trainings
- BEACON Award Program
  - Tracking sustainable activities for member agencies
  - Statewide recognition

Recommendation

The Regional Planning Committee is asked to recommend that the Board of Directors approve the proposed FY 2016 Program Budget amendment (Attachment 1), accepting San Diego Gas & Electric (SDG&E) grant funds totaling $4,868,210 for Overall Work Program Project No. 3201100: Energy Roadmap Program: SDG&E (the Program), and authorize the Executive Director to take all steps necessary to implement the Program.
This project will develop a Regional Mobility Hubs Implementation Plan for San Diego and Imperial counties.

The plan will develop recommended improvements, conceptual designs, and implementation strategies for different mobility hub place types for both regions.
What is a Mobility Hub?

A mobility hub is a transportation center
Located in Smart Growth Opportunity areas
Served by high frequency transit
Connecting different modes of transportation: walking, biking, ridesharing, and transit
Located near concentrations of employment, housing, shopping, and/or recreation
Features bike-share, bike parking, car-share, neighborhood shuttles, dynamic parking, wayfinding, electric vehicle charging, and urban design enhancements
Integrating technologies such as real-time traveler information, real-time ridesharing, universal transportation accounts, and smart intersections
Mobility hubs reduce dependency on **single occupancy vehicles**, support **reduced traffic congestion**, vehicle miles traveled and improved travel times for all modes.

Units are approximate grams of CO₂ equivalent from life-cycle assessment based on long-term emissions projections. Transit trips are based on average emissions over peak and off-peak times.

**Building a Mobility Hub**
Future outreach activities will include an informational video, interactive map, stakeholder surveys, workshop (Imperial County), and pop-up events at transit stops to gather public input on hub locations and amenities.
Next Steps

- Public outreach
- Design prototypes
- Finalize screening criteria
- Recommend candidate sites