Members
Lesa Heebner, Chair
Councilmember, City of Solana Beach
(Representing North County Coastal)
Kristine Alessio, Vice Chair
Councilmember, City of La Mesa
(Representing East County)
Lorie Zapf
Councilmember, City of San Diego
Dave Roberts
Supervisor, County of San Diego
Sam Abed
Mayor, City of Escondido
(Representing North County Inland)
Carrie Downey
Councilmember, City of Coronado
(Representing South County)
Alternates
Chuck Lowery
Deputy Mayor, City of Oceanside
(Representing North County Coastal)
Jennifer Mendoza
Councilmember, City of Lemon Grove
(Representing East County)
Mark Kersey
Councilmember, City of San Diego
Greg Cox
Supervisor, County of San Diego
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Councilmember, City of Vista
(Representing North County Inland)
Pamela Bensoussan
Councilmember, City of Chula Vista
(Representing South County)
Advisory Members
Laurie Berman / Bill Figge
District 11 Caltrans
Mona Rios / Myrtle Cole
Metropolitan Transit System
Don Mosier / Chuck Lowery
North County Transit District
Brad Raulston / Karen Brindley
Regional Planning Technical Working Group
Elsa Saxod / Ken Olson
San Diego County Water Authority
Garry Bonelli / Ann Moore
San Diego Unified Port District
Eric LaChappa / Allen Lawson
Southern California Tribal Chairmen’s Association
Steve Chung / Matt Ryan
U.S. Department of Defense
Environmental Mitigation Program Advisory Members
Vacant / David Mayer
California Department of Fish & Wildlife
Therese Bradford / Michelle Matson
U.S. Army Corps of Engineers
Vacant / Susan Wynn
U.S. Fish & Wildlife Service
Dave Means / Vacant
Wildlife Conservation Board
Gary L. Gallegos
Executive Director, SANDAG

REGIONAL PLANNING COMMITTEE AGENDA

Friday, October 7, 2016
12 noon to 2 p.m.
SANDAG Board Room
401 B Street, 7th Floor
San Diego

AGENDA HIGHLIGHTS

- REGIONAL SHORELINE MONITORING PROGRAM FUNDING
- TransNet ENVIRONMENTAL MITIGATION PROGRAM: LAND MANAGEMENT GRANT PROGRAM DRAFT PROJECT RANKINGS FOR EIGHTH CYCLE OF FUNDING
- REGIONAL MOBILITY HUB IMPLEMENTATION STRATEGY

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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
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# REGIONAL PLANNING COMMITTEE

Friday, October 7, 2016

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>RECOMMENDATION</th>
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<tbody>
<tr>
<td>+1.</td>
<td>APPROVAL OF MEETING MINUTES</td>
</tr>
</tbody>
</table>

The Regional Planning Committee is asked to review and approve the minutes from its August 5, 2016, meeting.

<table>
<thead>
<tr>
<th>2.</th>
<th>PUBLIC COMMENTS/COMMUNICATIONS/MEMBER COMMENTS</th>
</tr>
</thead>
</table>

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.

## REPORTS

<table>
<thead>
<tr>
<th>+3.</th>
<th>REGIONAL SHORELINE MONITORING PROGRAM FUNDING (Sarah Pierce)</th>
<th>RECOMMEND</th>
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</table>

The Regional Shoreline Monitoring Program has been funded by the coastal cities since 1996. The Regional Planning Committee is asked to recommend that the Board of Directors continue the Regional Shoreline Monitoring Program for an additional five years.

<table>
<thead>
<tr>
<th>+4.</th>
<th>TransNet ENVIRONMENTAL MITIGATION PROGRAM: LAND MANAGEMENT GRANT PROGRAM (Sarah Pierce)</th>
<th>INFORMATION</th>
</tr>
</thead>
</table>

**+A. DRAFT PROJECT RANKINGS FOR EIGHTH CYCLE OF FUNDING**

Staff will present the draft project rankings for the eighth cycle of grant funding for the TransNet Environmental Mitigation Program: Land Management Grant Program.

**+B. QUARTERLY STATUS UPDATE**

Staff will provide a quarterly status update of active land management grant projects in the TransNet Environmental Mitigation Program: Land Management Grant Program.

<table>
<thead>
<tr>
<th>+5.</th>
<th>REGIONAL MOBILITY HUB IMPLEMENTATION STRATEGY (Miriam Kirshner, Marisa Mangan)</th>
<th>INFORMATION</th>
</tr>
</thead>
</table>

Staff will present the Regional Mobility Hub Implementation Strategy, a joint effort of SANDAG and the Imperial County Transportation Commission.
6. **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.

7. **UPCOMING MEETINGS**

The next meeting of the Regional Planning Committee will be held on Friday, November 4, 2016, at 1:15 p.m.

8. **ADJOURNMENT**

+ next to an agenda item indicates an attachment
REGIONAL PLANNING COMMITTEE DISCUSSION AND ACTIONS

AUGUST 5, 2016

The meeting of the Regional Planning Committee was called to order by Chair Lesa Heebner (North County Coastal) at 12:05 p.m.

1. APPROVAL OF MEETING MINUTES (APPROVE)

Action: Upon a motion by Councilmember Carrie Downey (South County), and a second by Mayor Sam Abed (North County Inland), the Regional Planning Committee approved the meeting minutes of June 3, 2016. Yes – Chair Heebner, Vice Chair Kristine Alessio (East County), Councilmember Downey, and Mayor Abed. No – None. Abstain – None. Absent – City of San Diego and County of San Diego.

2. PUBLIC COMMENTS/COMMUNICATIONS/MEMBER COMMENTS

There were no public/member comments.

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, provided an overview of progress made by TransNet Smart Growth Incentive Program and Active Transportation Grant Program recipients through March 31, 2016.

Action: Upon a motion by Councilmember Lorie Zapf (City of San Diego), and a second by Councilmember Downey, the Regional Planning Committee approved a Smart Growth Incentive Program project location amendment for Civic San Diego's 14th Street Pedestrian Promenade Demonstration Block. Yes – Chair Heebner, Vice Chair Alessio, Councilmember Downey, Mayor Abed, and Councilmember Zapf. No – None. Abstain – None. Absent – County of San Diego.

4A. TransNet ENVIRONMENTAL MITIGATION PROGRAM: STATUS REPORT, FY 2017-2018 WORK PLAN, AND FY 2017 ANNUAL FUNDING (RECOMMEND)

Del Mar Councilmember and SANDAG Vice Chair Terry Sinnott, Environmental Mitigation Program Working Group Chair, introduced the item.
Keith Greer, Senior Regional Planner, provided a status report of the Working Group’s latest efforts.

**Action:** Upon a motion by Councilmember Downey, and a second by Vice Chair Alessio, the Regional Planning Committee recommended that the Board of Directors approve the proposed FY 2017-2018 Work Plan for regional land management and biological monitoring, and allocate $4 million in funding for FY 2017. Yes – Chair Heebner, Vice Chair Alessio, Councilmember Downey, Mayor Abed, Councilmember Zapf, and Supervisor Dave Roberts (County of San Diego). No – None. Abstain – None. Absent – None.

4B. ENVIRONMENTAL MITIGATION PROGRAM WORKING GROUP: CHARTER AMENDMENT (APPROVE)

SANDAG has received two requests regarding Environmental Mitigation Program (EMP) Working Group membership - the addition of the U.S. Forest Service, and the removal of the California Coastal Conservancy.

Mr. Greer presented the item.

**Action:** Upon a motion by Supervisor Roberts, and a second by Councilmember Downey, the Regional Planning Committee approved an amendment to the EMP Working Group charter. Yes – Chair Heebner, Vice Chair Alessio, Councilmember Downey, Mayor Abed, Councilmember Zapf, and Supervisor Roberts. No – None. Abstain – None. Absent – None.

5. SHORELINE PRESERVATION WORKING GROUP: STATUS REPORT AND REGIONAL SHORELINE MONITORING PROGRAM OVERVIEW (INFORMATION)

Sarah Pierce, Regional Planner I, provided a status report of the Working Group’s latest efforts and an overview of the condition of local beaches included in the SANDAG Regional Beach Sand Projects following the 2015-2016 El Niño winter.

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

6. HIGHLIGHTING SMART GROWTH: COMMUNITY PLAN UPDATES IN THE CITY OF SAN DIEGO (INFORMATION)

Nancy Bragado, San Diego Deputy Planning Director, provided a status update on various Community Plan updates under way in the City of San Diego, including the city’s efforts to strengthen links between regional transit stations and local land uses, and to implement its Climate Action Plan.

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

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, September 2, 2016, at 12 noon. Chair Heebner announced that the September 2 meeting is cancelled and the next meeting is scheduled for October 7, 2016.

9. ADJOURNMENT

Chair Heebner adjourned the meeting at 1:04 p.m.
CONFIRMED ATTENDANCE
SANDAG REGIONAL PLANNING COMMITTEE MEETING
AUGUST 5, 2016

<table>
<thead>
<tr>
<th>JURISDICTION</th>
<th>NAME</th>
<th>MEMBER/ ALTERNATE</th>
<th>ATTENDING</th>
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<tbody>
<tr>
<td>North County Inland</td>
<td>Sam Abed Member</td>
<td>Yes</td>
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<td>John Aguilera Alternate</td>
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<td>South County</td>
<td>Carrie Downey Member</td>
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<td>Pamela Bensoussan Alternate</td>
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<td>North County Coastal</td>
<td>Lesa Heebner (Chair) Member</td>
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<td>Chuck Lowery Alternate</td>
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<td>East County</td>
<td>Kristine Alessio (Vice Chair) Member</td>
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<td>Jennifer Mendoza Alternate</td>
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<td>Lorie Zapf Member</td>
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<td>Mark Kersey Alternate</td>
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<td>County of San Diego</td>
<td>Dave Roberts Member</td>
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<td>Greg Cox Alternate</td>
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<td><strong>ADVISORY MEMBERS</strong></td>
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<tr>
<td>Caltrans, District 11</td>
<td>Laurie Berman Member</td>
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<td>Bill Figge Alternate</td>
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<td>San Diego Unified Port District</td>
<td>Garry Bonelli Member</td>
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<td>Ann Moore Alternate</td>
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<td>Elsa Saxod Member</td>
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<td>Working Group (TWG)</td>
<td>Karen Brindley Alternate</td>
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<td>Eric LaChappa Member</td>
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<td>Chairmen’s Association</td>
<td>Allen Lawson Alternate</td>
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<td>Steve Chung Member</td>
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<td>David Hulse Alternate</td>
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<td>Wildlife Conservation Board</td>
<td>Dave Means Member</td>
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<tr>
<td>California Department of Fish and</td>
<td>VACANT Member</td>
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<td>Wildlife</td>
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<td>David Mayer Alternate</td>
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<tr>
<td>US Army Corps of Engineers</td>
<td>Therese Bradford Member</td>
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<td>Michelle Matson Alternate</td>
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<td>US Fish and Wildlife Service</td>
<td>VACANT Member</td>
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<td></td>
<td>Susan Wynn Alternate</td>
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REGIONAL SHORELINE MONITORING PROGRAM FUNDING

Introduction

The Shoreline Preservation Working Group (SPWG) advises the Regional Planning Committee (RPC) on issues relating to the implementation of the Shoreline Preservation Strategy and Coastal Regional Sediment Management Plan. These documents, adopted by the SANDAG Board of Directors, outline the beach building and maintenance strategy for the region's shoreline areas and address how sediment management targeted at coastal erosion can be implemented in a cost effective and resource protective manner.

In furtherance of the goals and objectives laid out in these documents, the SPWG is requesting that the RPC recommend that the Board of Directors continue the Regional Shoreline Monitoring Program (Program).

The Program has been funded by the region's coastal cities since it was initiated by SANDAG in 1996. This comprehensive approach to monitoring the shoreline provides data that can document changes across the region's shoreline over time that could not be obtained by any one jurisdiction alone. The Program 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.

Discussion

The Program provides physical measurements of the region's beaches essential to the design and evaluation of efforts to manage the region's shoreline. Success of the Program depends on the continuation of the basic components. These components include beach monitoring (38 transects and biannual aerial photography) and lagoon entrance monitoring (closure and maintenance records and aerial photography). Consistency over time has allowed trends to be seen, which have been used to plan projects such as the Regional Beach Sand Projects (RBSP I and RBSP II), as well as lagoon restoration and maintenance dredging. In addition, monitoring conducted as part of this Program is essential to understanding the longevity and effectiveness of beach sand nourishment projects in the region. Research conducted by Dr. Philip King from San Francisco State University indicates that beaches provide recreational opportunities and property protection thereby

Recommendation

The Regional Planning Committee is asked to recommend that the Board of Directors continue the Regional Shoreline Monitoring Program for an additional five years based on the estimated costs shown in Attachment 1.
providing significant economic return for local jurisdictions.¹ ² Data collected as part of this Program can be used to further evaluate the benefit cost ratios of such projects and serve as a tool to help planners craft sea level rise adaptation measures as part of local coastal program updates and climate adaptation plans.

Program Accomplishments

The Program has allowed staff to track the performance and longevity of beach nourishment activities associated with RBSP I and RBSP II. In addition, this 20-year data set has documented changes in the condition of the shorezone ³, thereby providing a basis for evaluating the impacts of natural events (such as El Niño) and human intervention (including beach nourishment, sediment bypassing, lagoon modification, shoreline/bluff armoring, and potential sediment retention structures that may be considered in the future). The monitoring results provide a quantitative basis for prioritizing erosion mitigation efforts, including locations and quantities of nourishment material and the potential implementation of living shoreline projects and sediment retention structures. Moreover, this data has helped to provide an understanding of coastal processes and the overall state of the region’s coastline to residents, city staff, and local leadership.

Cost

Currently the Program is funded through the end of FY 2017. The proposed recommendation would continue funding for the Program for another five years based on the estimated costs shown in Attachment 1. The estimated cost of the Program for FY 2018 is $134,154, and as noted in Attachment 1, the estimated cost would be expected to increase by approximately three percent per year due to inflation. Each year, Program costs would be proportionately broken down by each coastal jurisdiction based on miles of sandy shoreline, excluding federal lands. This methodology for funding has been used to determine costs for the last five years of the Program. Exact Program costs would be based upon a negotiated bid with a qualified contractor.

The SPWG discussed the recommendation at their September 1, 2016, meeting and unanimously recommended approval.

³ The shorezone generally extends from the back of the beach, offshore to the depth of closure (the depth at which sediment is no longer moving under the influence of waves and currents). It is the portion of the nearshore that is influenced by waves and currents.
**Next Steps**

If continuation of the Program is approved, SANDAG staff will begin the contract procurement process. The goal is to have the consultant team chosen by the beginning of FY 2018 so monitoring could begin in Fall 2017 to avoid any gaps in the data. Staff is recommending that the same funding formula shown in Attachment 1 be used for the development of a new five-year contract.

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

Attachment: 1. FY 2018 Estimated Regional Shoreline Monitoring Program Cost

Key Staff Contacts:  Sarah Pierce, (619) 699-7312, sarah.pierce@sandag.org  
Keith Greer, (619) 699-7390, keith.greer@sandag.org
## FY 2018 Estimated Regional Shoreline Monitoring Program Cost

<table>
<thead>
<tr>
<th>Jurisdiction</th>
<th>Shoreline (miles)¹</th>
<th>% of Total</th>
<th>Estimated FY 18 Cost ²,³</th>
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<tr>
<td>Carlsbad</td>
<td>6.5</td>
<td>14.90%</td>
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<tr>
<td>Coronado</td>
<td>3.1</td>
<td>7.10%</td>
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<td>Del Mar</td>
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<td>Encinitas</td>
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<td>Imperial Beach</td>
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<td>Oceanside</td>
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<td>San Diego</td>
<td>17.3</td>
<td>39.80%</td>
<td>$53,393</td>
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<tr>
<td>Solana Beach</td>
<td>1.5</td>
<td>3.50%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>43.5</strong></td>
<td><strong>100%</strong></td>
<td><strong>$134,154</strong></td>
</tr>
</tbody>
</table>

Notes:

1. Miles of sandy shoreline, excluding federal lands.
2. Total cost estimate includes beach transect monitoring and lagoon entrance monitoring.
3. Costs are expected to increase three percent per year over the duration of a five-year agreement.
Introduction

The TransNet Extension Ordinance and Expenditure Plan, approved by the voters in November 2004, includes the Environmental Mitigation Program (EMP), which provides funding to mitigate habitat impacts from regional and local transportation projects, and provides funding for regional land management and biological monitoring. The EMP is a unique component of the TransNet Extension Ordinance in that it goes beyond traditional mitigation for transportation projects by including a funding allocation for habitat acquisition, management, and monitoring activities to help implement the regional habitat conservation plans.

Each year the SANDAG Board of Directors allocates $4 million toward implementation of regional land management and biological monitoring pursuant to a Memorandum of Agreement (MOA) with state and federal agencies on the implementation of the EMP. The Regional Management and Monitoring Work Plan for FY 2016 – FY 2017 allocated $1.8 million of the $4 million in available funding for the development of an eighth cycle of land management grants.

A competitive selection process is used to award funding to successful applicants. Eligible applicants include land managers from private nonprofit organizations, local jurisdictions, and other governmental agencies. The purpose of this report is to provide information to the Committee on the draft project rankings for the eighth cycle of grant funding for the TransNet Environmental Mitigation Land Management Grant Program. Next month, the Committee will be requested to recommend that the SANDAG Board of Directors approve the recommended list of projects for funding.

Discussion

Competitive Selection Process

On February 26, 2016, the Board of Directors approved the release of the Eighth Cycle of Grant Funding FY 2017 Call for Projects for the TransNet EMP Land Management Grants Program. A total of $1.8 million was available to address land management activities related to: (1) Threat Reduction Stewardship ($800,000); and (2) Species and Habitat Recovery ($1,000,000). The Board of Directors also approved the evaluation criteria for each of the funding categories.
The Eighth Cycle FY 2017 Call for Projects was released on March 7, 2016. At its May 10, 2016, meeting, the EMP Working Group appointed an evaluation committee to review the land management grant proposals received by SANDAG under the Call for Projects. The final evaluation committee consisted of EMP Working Group members who were not competing for funds and staff from the County of San Diego, U.S. Geological Survey, California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, City of Carlsbad, San Diego Foundation, and SANDAG.

The Call for Projects closed on June 10, 2016. SANDAG received 32 proposals and distributed them to each evaluation committee member to rank and evaluate independently.

On August 17, 2016, the evaluation committee met to review their individual rankings, which were compiled and cumulatively ranked (sum of ranks) prior to the meeting by SANDAG staff for both of the funding categories. The proposals were then collectively discussed regarding merit or shortcomings and the evaluation committee discussed any conditions/changes to the top-ranked projects.

As with the past seven land management grant cycles, the evaluation committee made recommendations for full or partial funding based upon its discussions and expertise to determine if the overall intended goals of project proposals could be achieved. In addition, applicants were available by phone to address any questions regarding their proposals.

**Draft Project Rankings and Funding Recommendations**

The draft project evaluation rankings are reflected in the TransNet EMP Land Management Grant Program Draft Project Rankings for Eighth Cycle of Grant Funding (Attachments 1 and 2). The evaluator's raw scores, individual rankings, and the combined rankings by grant project are available for review at [http://www.sandag.org/uploads/projectid/projectid_447_21153.pdf](http://www.sandag.org/uploads/projectid/projectid_447_21153.pdf).

The SANDAG Technical Services Department performed an independent review, checking for consistency with the evaluation committee score sheets, and correct formulas and calculations used for scores. No errors were found during this independent review. In addition, staff performed a social equity analysis which resulted in the projects proposed for grant funding being distributed such that low-income and minority communities receive an equitable proportion of the benefits.

For the Threat Reduction Stewardship category, a total of 14 proposals were received. However, one proposal was withdrawn from consideration by the applicant due to inability to complete the proposed scope of work. That proposal was not reviewed by the evaluation committee and is therefore not included in Attachment 1. The total requested funding for the 13 proposals reviewed by the committee totaled $551,556.71. The evaluation committee recommended funding for 12 projects totaling $502,356.71. The top ranked projects recommended for funding in the Threat Reduction Stewardship category are highlighted in bold in Attachment 1.

The Threat Reduction Stewardship category was originally allocated $800,000 in funding. However, because only $502,356.71 is recommended for projects in this category, the remaining $297,643.29 is recommended to be added to the Species and Habitat Restoration category bringing the total available funding in the Species and Habitat Restoration category to $1,297,643.29.

For the Species and Habitat Recovery category, a total of 18 proposals were received requesting $4,392,318.93 in funding. The evaluation committee recommended funding for five projects
totaling $1,297,643.29. The top-ranked projects recommended for funding in the Species and Habitat Recovery category are highlighted in bold in Attachment 2.

**Next Steps**

This item is being presented as information. The Transportation and Regional Planning Committees will be asked to make funding recommendations for approval by the SANDAG Board of Directors at their November meetings. The item will be presented to the TransNet Independent Taxpayer Oversight Committee for discussion at its October meeting to confirm that the grant funding recommendations are consistent with TransNet Extension Ordinance funding eligibility requirements. If approved by the Board of Directors, Notices of Award will be sent for the 17 recommended projects and grant agreements will be executed in winter 2016/2017.

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

Attachments: 1. Short-Term Threat Reduction Stewardship Category 2. Long-Term Species and Habitat Recovery Category

Key Staff Contact: Sarah Pierce, (619) 699-7312, sarah.pierce@sandag.org
<table>
<thead>
<tr>
<th>PRJ #</th>
<th>Project Title</th>
<th>Applicant</th>
<th>Project Summary from Proposal</th>
<th>Requested Grant Amount</th>
<th>Recommended Grant funding</th>
<th>SUM of Ranks</th>
<th>Overall RANK</th>
<th>Discussion/Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>CDFW_Proctor Valley OHV Barrier</td>
<td>California Department of Fish and Wildlife</td>
<td>This project will close one of the last remaining gaps in the Proctor Valley OHV barrier, decreasing unauthorized access to OHV activities.</td>
<td>$ 50,000.00</td>
<td>$ 50,000.00</td>
<td>14</td>
<td>1</td>
<td>Fully fund. Project builds off past success and would finish fencing barrier in this area.</td>
</tr>
<tr>
<td>14</td>
<td>County SD_Quino Habitat Restoration</td>
<td>County of San Diego - Department of Parks and Recreation</td>
<td>Reduce a threat to the Quino checkerspot butterfly by enhancing habitat conditions and connectivity on a County-owned site that had previously supported a hundred or more butterflies.</td>
<td>$ 44,000.00</td>
<td>$ 44,000.00</td>
<td>25</td>
<td>2</td>
<td>Fully fund with changes. Grantee needs to specify success criteria such as the amount of acreage enhanced or plantago planted and must review alternative access control options.</td>
</tr>
<tr>
<td>20</td>
<td>City CV_Salt Creek Cactus Wren</td>
<td>City of Chula Vista</td>
<td>Increase the quality of habitat and improve connectivity for the coastal cactus wren along Salt Creek through shrub thinning within suitable wren habitat.</td>
<td>$ 49,972.00</td>
<td>$ 49,972.00</td>
<td>30</td>
<td>3</td>
<td>Fully fund with changes. Quantify success criteria to include level of shrub thinning to occur (below 25% recommended) and work with a biologist to ensure composted material left on site does not have negative impacts to crusts or native species.</td>
</tr>
<tr>
<td>15</td>
<td>County SD_Cactus Wren</td>
<td>County of San Diego - Department of Parks and Recreation</td>
<td>Reduce threats to coastal cactus wren habitat by installing t-post barbless wire fencing around a previously restored site, and installing 8 access control signs.</td>
<td>$ 8,854.50</td>
<td>$ 8,854.50</td>
<td>31</td>
<td>4</td>
<td>Fully fund. Project is straightforward and builds off a previous grant. Low costs for implementation.</td>
</tr>
<tr>
<td>17</td>
<td>City SD_Vernal Pools</td>
<td>City of San Diego Parks and Recreation Open Space Division</td>
<td>Fence off as many key access points and areas of frequent off-road vehicle use throughout the Spring Canyon/Goat Mesa complex and surrounding open space.</td>
<td>$ 50,000.00</td>
<td>$ 50,000.00</td>
<td>31</td>
<td>4</td>
<td>Fully fund with changes. Need to specify the amount of fencing to be installed and exact location and target. Fencing installation needs to be consistent with standardized management plan for Otay Mesa. Increase reduction in trespass to 75%.</td>
</tr>
<tr>
<td>19</td>
<td>City SD_Bernardo Bay Cactus Wren</td>
<td>City of San Diego Public Utilities Department</td>
<td>Enhance certain clusters of habitat for coastal cactus wren at a 20 acre project site in Bernardo Bay, by planting Opuntia littoralis (cacti) and closing unauthorized trails through the area.</td>
<td>$ 50,000.00</td>
<td>$ 50,000.00</td>
<td>37</td>
<td>6</td>
<td>Fully fund with changes. Need to quantify cacti establishment, target survival rate etc. Achieve cacti establishment goals without changing methodologies (i.e. do not install irrigation lines for supplemental watering).</td>
</tr>
<tr>
<td>18</td>
<td>TCLC_Crest Canyon Veldtgrass</td>
<td>The Chaparral Lands Conservancy</td>
<td>Conduct thorough and systematic herbicide treatment of purple veldt grass and any other encountered invasive plant species in the Crest Canyon Preserve.</td>
<td>$ 49,991.21</td>
<td>$ 49,991.21</td>
<td>43</td>
<td>7</td>
<td>Fully fund with changes. Grantee needs to determine if their sites are retreatments or if these are new occurrences of the species. Mapping materials should be updated. Success criteria should be updated; 90-100% reduction in veldt grass and to 100% reduction for areas near and around target species listed.</td>
</tr>
<tr>
<td>PRJ #</td>
<td>Project Title</td>
<td>Applicant</td>
<td>Project Summary from Proposal</td>
<td>Requested Grant Amount</td>
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</tr>
<tr>
<td>-------</td>
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</tr>
<tr>
<td>2</td>
<td>LRPC_Riparian Restoration &amp; Arundo Removal</td>
<td>Lakeside’s River Park Conservancy</td>
<td>Remove arundo donax and other non-native plants located in an 11 acre ‘old growth’ riparian forest in the channel of the San Diego River.</td>
<td>$48,895.00</td>
<td>$48,895.00</td>
<td>54</td>
<td>8</td>
<td>Fully fund with changes. Address how reinestation of treated site will be prevented. Grantee needs to coordinate with adjacent land owners to determine the source of arundo and develop a plan for future control of the species. Grantee should specify their resources available to maintain the project and address why this will not be a reoccurring issue.</td>
</tr>
<tr>
<td>16</td>
<td>SELC_Veldt Grass Removal</td>
<td>San Elijo Lagoon Conservancy</td>
<td>Treat the current range of perennial veldt grass in the San Elijo Lagoon Ecological Reserve and continue to monitor the spread or lack thereof.</td>
<td>$49,003.00</td>
<td>$49,003.00</td>
<td>58</td>
<td>9</td>
<td>Fully fund with changes. Include language that specifies for any veldt grass found within these coastal dune habitats during baseline surveys, 100% reduction will be achieved.</td>
</tr>
<tr>
<td>13</td>
<td>LCDC_Pallid Bat</td>
<td>Living Coast Discovery Center</td>
<td>Conduct surveys to determine bat species composition on and around the Sweetwater Marsh Unit of the San Diego Bay National Wildlife Refuge and establish a site-specific bat habitat threat reduction and management plan.</td>
<td>$15,810.00</td>
<td>$15,810.00</td>
<td>61</td>
<td>10</td>
<td>Fully fund with changes. Grantee will need to coordinate with Drew Stokes and tie into existing project as well as verify that their methods for detection are appropriate. Because monitoring will lead to the development of threat reduction and management recommendation, and eventual implementation of actions if bats are detected, project was qualified for grant.</td>
</tr>
<tr>
<td>10</td>
<td>SDAS_Silverwood Wildlife Sanctuary</td>
<td>San Diego Audubon</td>
<td>Treatment of over 65 acres of invasive species hotspots with herbicide and 5 acres of emergent invasive species via hand management within Silverwood Wildlife Sanctuary.</td>
<td>$36,301.00</td>
<td>$36,301.00</td>
<td>68</td>
<td>11</td>
<td>Fully fund with changes. Project needs to identify the invasive species targeted and thresholds should be a reduction in cover of 90% or greater. Funds should be focused on specific species such as black mustard and star thistle rather than trying to control invasive grasses.</td>
</tr>
<tr>
<td>3</td>
<td>LRPC_San Diego River Channel</td>
<td>Lakeside’s River Park Conservancy</td>
<td>Coordinated removal of homeless encampments and trash along the San Diego River Biological Corridor between the Santee border and Channel Road in Lakeside.</td>
<td>$49,530.00</td>
<td>$49,530.00</td>
<td>78</td>
<td>12</td>
<td>Fully fund with changes. Success criteria needs to be increased to 100% reduction of homeless encampments and removal of trash. Grantee needs to coordinate with local community organizations and law enforcement regarding the timing of the events to address long term issues. Project may need to include access control measures to help prevent re-entry.</td>
</tr>
<tr>
<td>6</td>
<td>TECC_Elfin Forest Mobility Plan</td>
<td>The Escondido Creek Conservancy</td>
<td>Develop a Mobility Master Plan to prepare for increased usage of EFRR and to minimize spill-over land management issues on nearby conserved lands.</td>
<td>$49,200.00</td>
<td>-</td>
<td>81</td>
<td>13</td>
<td>Project was not recommended for funding. It does not meet the Threat Reduction Stewardship criteria outlined in the Call for Projects since it does not include a threat reduction or management action.</td>
</tr>
</tbody>
</table>

**TOTAL** $551,556.71 $502,356.71
<table>
<thead>
<tr>
<th>PRJ/#</th>
<th>Project Title</th>
<th>Applicant</th>
<th>Project Summary from Proposal</th>
<th>Requested Grant Amount</th>
<th>Recommended Grant Funding</th>
<th>Proposed Match Amount</th>
<th>Sum of Ranks</th>
<th>Overall RANK</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>ZS_Native Seed Bank</td>
<td>San Diego Zoo's ICR</td>
<td>Establish genetically diverse, high-quality seed collections for nine plant species in the Management Strategic Plan.</td>
<td>$ 422,092.00</td>
<td>$ 492,396.00</td>
<td>$ 283,330.00</td>
<td>17</td>
<td>1</td>
<td>Funding NOT recommended for San Diego ambrosia, dehesa nolina, and Otay tarplant. Funding recommended for 6 spp. identified in proposal including San Diego thornmint, salt-marsh bird’s beak, Orcutt's bird’s beak, short-leaved dudleya, Mexican flannelbush, and willowy monardella. In addition, ICR to produce San Diego thornmint, California o rotgrass, spreading navarretia, Otay Mesa mint, Orcutt's birds beak, and San Diego thornmint for projects # 22, 30, and 31. Experimental work to be conducted on little mouse-tail. Approx $32,000 contingency to be added to year 3 project budget if needed due to environmental conditions to ensure seed available for other grantees.</td>
</tr>
<tr>
<td>31</td>
<td>TCLC_Otay Mesa Rare Plants</td>
<td>The Chaparral Lands Conservancy</td>
<td>Bulk seed for five of San Diego County’s rarest plants for direct restoration in two habitat restoration projects on important conserved lands in Otay Mesa.</td>
<td>$ 241,319.39</td>
<td>$ 141,319.39</td>
<td>$ 260,451.50</td>
<td>28</td>
<td>2</td>
<td>Zoo ICR Native Seed Bank project (#7) to fill approx half of seed bulking needs. Budget reduction of $100,000. Grantee will coordinate with Zoo ICR for seed bulking needs.</td>
</tr>
<tr>
<td>30</td>
<td>TCLC_Proctor Valley Vernal Pools and Uplands</td>
<td>The Chaparral Lands Conservancy</td>
<td>Implement the final three years of work to complete restoration of 19 acres of vernal pools and coastal sage scrub in Proctor Valley on the City of San Diego’s Otay Lakes Cornerstone Lands.</td>
<td>$ 405,357.43</td>
<td>$ 393,863.90</td>
<td>$ 271,938.00</td>
<td>40</td>
<td>3</td>
<td>Reduce funding required for seed bulking efforts by $11,493.53. Remaining $48,506.47 in task needed for bulking of species not included in Zoo ICR Native Seed Bank project (#7). Grantee to adjust budget table/schedule to include additional 18 months to account for any extra time needed due to poor environmental conditions.</td>
</tr>
<tr>
<td>23</td>
<td>SELC_North County Dunes 2</td>
<td>San Elijo Lagoon Conservancy</td>
<td>Completion and implementation of the three site-specific restoration plans: the Cardiff State Beach Living Shorelines Draft Habitat Restoration Plan, SeasideTerrace Dunes Draft Habitat Restoration Plan, and Torrey Pines State Beach - “Black’s Beach” Draft Habitat Restoration Plan.</td>
<td>$ 297,798.00</td>
<td>$ 197,798.00</td>
<td>$ 200,835.00</td>
<td>46</td>
<td>4</td>
<td>Funding of Cardiff and Carlsbad portions only. Reduce project budget by $100,000. Nuttall’s acmispon not located in project area at Torrey Pines, however occurrence of the species has been found within the park based on MOM data and may be worth re-visiting depending on success of the Carlsbad and San Elijo sites.</td>
</tr>
<tr>
<td>22</td>
<td>MTRPF_SD Thornmint Restoration</td>
<td>Mission Trails Regional Park Foundation</td>
<td>Improve and expand areas occupied by the San Diego thornmint within Mission Trails Regional Park (MTRP).</td>
<td>$ 83,765.00</td>
<td>$ 72,265.00</td>
<td>$ 7,992.00</td>
<td>56</td>
<td>5</td>
<td>Removal of seed bulking efforts reduces proposal cost to $72,265. Thornmint needed for project to be provided by Zoo ICR Native Seed Bank project (#7). Grantee to revise scope to include measurable and quantifiable success criteria (reduction of weed cover, amount of seed distributed etc.)</td>
</tr>
<tr>
<td>8</td>
<td>ZS_Burrowing Owl</td>
<td>San Diego Zoo’s ICR</td>
<td>Establish additional BUOW breeding nodes through the use of conservation breeding and releases, targeted vegetation management, and maintenance of prioritized artificial burrows.</td>
<td>$ 540,280.00</td>
<td>$</td>
<td>$ 167,158.00</td>
<td>59</td>
<td>6</td>
<td>Funding not available.</td>
</tr>
<tr>
<td>26</td>
<td>SDRPF_Nuttals Acmispon and Salt Marsh Birds Beak</td>
<td>San Diego River Park Foundation</td>
<td>Engage the community and visitors in better management of threatened species, including the salt-marsh bird’s-beak and the Nuttall’s acmispon at the San Diego River Mouth and Estuary.</td>
<td>$ 219,150.00</td>
<td>$</td>
<td>$ 166,700.00</td>
<td>61</td>
<td>7</td>
<td>Funding not available.</td>
</tr>
<tr>
<td>29</td>
<td>Land IQ_SD Thornmint Enhancement</td>
<td>Land IQ</td>
<td>Enhance and expand San Diego thornmint populations within the MU3 management unit.</td>
<td>$ 240,491.20</td>
<td>$</td>
<td>$ 36,450.40</td>
<td>62</td>
<td>8</td>
<td>Funding not available.</td>
</tr>
<tr>
<td>28</td>
<td>BCLT_SD Thornmint 2</td>
<td>Back Country Land Trust</td>
<td>Restoration of native grassland habitat at Wright’s Field, specifically to continue enhancement of the two existing San Diego thornmint populations and to establish a third new population at a site where conditions are appropriate.</td>
<td>$ 109,924.31</td>
<td>$</td>
<td>$ 25,902.00</td>
<td>63</td>
<td>9</td>
<td>Funding not available.</td>
</tr>
</tbody>
</table>
## TransNet ENVIRONMENTAL MITIGATION PROGRAM LAND MANAGEMENT GRANT PROGRAM:
DRAFT PROJECT RANKINGS FOR EIGHTH CYCLE OF GRANT FUNDING:
LONG-TERM SPECIES AND HABITAT RECOVERY CATEGORY

<table>
<thead>
<tr>
<th>#</th>
<th>Project Name</th>
<th>Organization</th>
<th>Description</th>
<th>Award Amount</th>
<th>Funding Available</th>
<th>Rank</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>LPLF_Nuttall's Acimpson</td>
<td>The Los Pen Lagoon Foundation</td>
<td>The project presents a multi-tiered approach that aims to provide both regional and localized benefits to populations of Nuttall’s acmispon.</td>
<td>$217,500.00</td>
<td>$500,000.00</td>
<td>65</td>
<td>Funding not available.</td>
</tr>
<tr>
<td>24</td>
<td>City CV_ Orcutts Birds Beak</td>
<td>City of Chula Vista</td>
<td>Improve and expand areas occupied by the Orcutt’s bird’s-beak within Rice Canyon and Poggi Canyon through restoration and enhancement of degraded habitat areas.</td>
<td>$69,770.00</td>
<td>$3,900.00</td>
<td>68</td>
<td>Funding not available.</td>
</tr>
<tr>
<td>25</td>
<td>City CV_ San Diego Thornmint</td>
<td>City of Chula Vista</td>
<td>Improve and expand areas occupied by the San Diego thornmint within Rice Canyon, Wheeler Ridge, and Long Canyon through restoration and enhancement of degraded habitat.</td>
<td>$194,000.00</td>
<td>$4,950.00</td>
<td>68</td>
<td>Funding not available.</td>
</tr>
<tr>
<td>11</td>
<td>SDAS_Ternwatchers2</td>
<td>San Diego Audubon</td>
<td>Aid in recovery of California least terns by increasing breeding productivity of in Mission Bay Park and increasing efficacy of predator control measures at active nesting sites.</td>
<td>$60,517.00</td>
<td>$19,437.00</td>
<td>74</td>
<td>Funding not available.</td>
</tr>
<tr>
<td>9</td>
<td>EHC_Hanson Pond</td>
<td>Endangered Habitats Conservancy</td>
<td>Habitat restoration of the 147-acre Hanson pond property in the El Monte Valley Lakeside.</td>
<td>$273,455.60</td>
<td>$31,250.00</td>
<td>76</td>
<td>Funding not available.</td>
</tr>
<tr>
<td>32</td>
<td>UCR_Shot Hole Borer</td>
<td>U.C. Riverside</td>
<td>Develop an effective Integrative Pest Management program to prevent further spread and manage impacts from the Fusarium Dieback-Shot Hole Borer pest-pathogen complex.</td>
<td>$434,818.00</td>
<td>$85,695.00</td>
<td>83</td>
<td>Funding not available.</td>
</tr>
<tr>
<td>21</td>
<td>County SD_Furby North 2</td>
<td>County of SD</td>
<td>Restore 13 acres of the 83-acre Furby-North Property by removing and treating invasive non-native plant species that are infesting the Property.</td>
<td>$246,000.00</td>
<td>$25,875.00</td>
<td>83</td>
<td>Funding not available.</td>
</tr>
<tr>
<td>5</td>
<td>TECC_Sticky Dudleya</td>
<td>The Escondido Creek Conservancy</td>
<td>Remove exotic forbs within five feet of individual Dudleya viscosa plants and establish a 100-foot buffer zone around the population where large flammable exotic plants are removed.</td>
<td>$87,000.00</td>
<td>$43,375.00</td>
<td>84</td>
<td>Funding not available.</td>
</tr>
<tr>
<td>27</td>
<td>BCLT_Clover Flat and SDMR</td>
<td>Back Country Land Trust</td>
<td>Conduct habitat restoration and enhancement on the Clover Flats/San Diego Mountain Ranch properties.</td>
<td>$249,080.00</td>
<td>$24,119.00</td>
<td>101</td>
<td>Funding not available.</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>$4,392,318.93</strong></td>
<td><strong>$1,297,643.29</strong></td>
<td><strong>$2,159,357.90</strong></td>
<td></td>
</tr>
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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 approximately $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. Attachment 1 provides the status report of the 15 active land management grants covering the reporting period of April 1, 2016, to June 30, 2016. The contracts for the additional 66 awarded grants have been closed-out and have no further billing.

No projects were completed between April 1, 2016, and June 30, 2016. However, during this period, Sweetwater Authority staff reconsidered their ability to implement the Sweetwater Reservoir Wetland Project, which had been issued a notice to proceed in fall 2015. As a result, the contract for the
Sweetwater Reservoir Wetland project was terminated on June 2, 2016 (Attachment 2). No project funds were ever spent. The funds budgeted for this project will be reallocated to a subsequent cycle of land management grants.

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. As of the date of this quarterly report, 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 Regional Planning and Transportation Committees and TransNet Independent Taxpayer Oversight Committee (ITOC).

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 July 1 to September 30, 2016) is expected to be presented in December 2016 to the Regional Planning and Transportation Committees and ITOC.

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

Attachments:  
1. Status of Active TransNet EMP Land Management Grant Program Projects: Reporting period April 1 to June 30, 2016
2. Sweetwater Authority Grant Termination Letter

Key Staff Contact: Sarah Pierce, (619) 699-7312, sarah.pierce@sandag.org
## Status of Active TransNet EMP Land Management Grant Program Projects:

Reporting period April 1 to June 30, 2016

<table>
<thead>
<tr>
<th>FY</th>
<th>Date BOD Funding 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>
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<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>1</td>
<td>2010 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>2</td>
<td>2013 09/28/12</td>
<td>5001763</td>
<td>1200384</td>
<td>Conservation Biology Institute</td>
<td>Dehesa nobila and Dudleya</td>
<td>Enhance, restore, and protect Dehesa nobila and variegated dudleya on portions of the South Crest property. Develop a science-based Conservation Vision and Management Strategy for Dehesa nobila in Management Unit 3.</td>
<td>$114,810.00</td>
<td>09/01/13</td>
<td>12/01/16</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
<tr>
<td>3</td>
<td>2013 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>4</td>
<td>2013 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>03/01/17</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
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<tr>
<td>5</td>
<td>2013 09/28/12</td>
<td>5001766</td>
<td>1200387</td>
<td>Otay 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>6</td>
<td>2015 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>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
<tr>
<td>7</td>
<td>2015 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 3</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>$189,863</td>
<td>09/17/15</td>
<td>09/17/18</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
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<tr>
<td>8</td>
<td>2015 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>
<td>Project IS making timely progress toward their milestones.</td>
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<tr>
<td>9</td>
<td>2015 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 300 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>
<td>Project IS making timely progress toward their milestones.</td>
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<tr>
<td>10</td>
<td>2015 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>
<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 completion result in being placed on the Watch List in an effort to encourage corrective action.*
## Status of Active TransNet EMP Land Management Grant Program Projects:

### Reporting period April 1 to June 30, 2016

<table>
<thead>
<tr>
<th>FY</th>
<th>Date BOD Funding 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>11</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>$66,840</td>
<td>10/20/15</td>
<td>10/20/18</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
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<tr>
<td>12</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>
<td>Project IS making timely progress toward their milestones.</td>
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<tr>
<td>13</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>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
<tr>
<td>14</td>
<td>7/24/2015</td>
<td>5004736</td>
<td>1201302</td>
<td>United States Fish and Wildlife Service</td>
<td>Mother Miguel Mountain</td>
<td>Protect sensitive species, including Mexican flannelbush and critical habitat on the southwestern slope of Mother Miguel Mountain, while managing public access and awareness.</td>
<td>$21,454</td>
<td>12/1/15</td>
<td>12/1/18</td>
<td>No</td>
<td>Project IS making timely progress toward their milestones.</td>
</tr>
<tr>
<td>15</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>
<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 completion date.*
June 2, 2016

Mr. Peter Famolaro
Sweetwater Authority
100 Lakeview Avenue
Spring Valley, CA 91977

Dear Mr. Famolaro:

SUBJECT: Termination of Contract No. 5004733

The San Diego Association of Governments (SANDAG) received your email dated May 16, 2016, requesting a change in scope for Contract No. 5004733 for the Sweetwater Reservoir Wetland Project. As noted in the attached email exchange, because the SANDAG Board of Directors approved this grant funding with the goal of it contributing to the larger restoration project proposed in the grant’s scope of work, SANDAG is unable to allow the Sweetwater Authority to use the $100,000 awarded to this project to complete a smaller-scale project.

SANDAG staff has not received any invoices from the Sweetwater Authority for work completed under this grant contract. This letter serves as notification that Contract No. 5004733 will be terminated and no future billing for this contract will be processed.

Please contact me at (619) 699-7312 or via email at sarah.pierce@sandag.org if you have any questions regarding the termination of this contract.

Sincerely,

SARAH PIERCE
Environmental Planner I
SPI/asa

Attachment: 1. Email Exchange
Hi Sarah and Keith,

Understandable, but at least wanted to check. Thanks for considering and please accept our apologies that the project, as awarded, could not be completed. Please let me know if you need any additional information to close out the grant award and contract.

Pete

Pete Famolaro, Watershed Manager
Sweetwater Authority
100 Lakeview Ave.
Spring Valley, CA 91977

619-409-6814
pfamolaro@sweetwater.org

Hi Pete-

Keith and I discussed your email this morning. Unfortunately because the Board of Directors approved this EMP funding with the goal of it contributing to the larger restoration project proposed in the SOW, we are unable to allow you to use the $100,000 awarded for a reduced SOW as you outlined below. As such we will have to withdraw funding for the project.

I understand that focusing future restoration efforts on LBVI and other riparian species would be beneficial in this area. That said, SANADG does have a CFP out at the moment with applications due June 10. For more information, please visit www.sandag.org/empgrants

Please call or email if you have any questions. I will be in touch if we need additional information to close out this contract.

Best,

Sarah Pierce
SANADG
(619) 699-7312
sarah.pierce@sandag.org
Hi Sarah and Keith: Our upper Management has considered the HRP in its current scope and we will not be able to proceed due costs. While we have secured considerable outside funding, the overall funding package is not enough and regulatory challenges are preventing our ability to secure sufficient funding Partnerships to make the project a reality. We are still very much interested in recovery Least Bell’s vireo (LBVI) habitat and have initiated this recovery in the project area in the last year. If fact, 1 year of recovery/plant growth has already yielded two nesting LBVI pair. There is much more acreage that can be restored in this area at dramatically reduced cost than previously described project. That said, we would like to see if we can retain the SANDAG EMP dollars if at all possible to aid in LBVI species recovery as well as other associated riparian species. The project area would be roughly the same as proposed before. It is just the scope or method of habitat recovery would change. The $100K awarded would still be used to provide plant materials. I’m not sure if this can be allowed, but if possible we would want you to consider. We would provide much more details if this was the case but wanted to run the project modification concept by you first. Please advise.

Thanks, Pete

Pete Famolaro, Watershed Manager  
Sweetwater Authority  
100 Lakeview Ave.  
Spring Valley, CA 91977  
619-409-6814  
pfamolaro@sweetwater.org

No problem. Just keep me posted.

Thanks,  

Sarah Pierce  
SANDAG  
(619) 699-7312  
sarah.pierce@sandag.org
Hi Sarah, I have not gotten the official word yet on how we are going to proceed. I have sent a request up the chain. Thanks for understanding. I hope to have an answer soon.

Pete

Pete Famolaro, Watershed Manager
Sweetwater Authority
100 Lakeview Ave.
Spring Valley, CA 91977

619-409-6814
pfamolaro@sweetwater.org

Hi Pete-

Any updates on your grant?

Thank you,

Sarah Pierce
SANDAG
(619) 699-7312
sarah.pierce@sandag.org

Hi Sarah,

Regarding our Sweetwater Wetlands Habitat Recovery Project, I spoke with Keith last week and informed him there will be some delay in our reporting. There are some big decisions to be made whether our project will be able to move forward. We should have an answer within the next couple of weeks. My apologies for the inconvenience.

Pete
Dear Grantee,

You are receiving this email because you have an active EMP Land Management Grant Contract. TransNet invoices for work completed between January 1st and March 31st are due on **April 21st**.

<table>
<thead>
<tr>
<th>Reporting Period</th>
<th>TransNet/Quarterly Report Due Date*</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 1–March 31</td>
<td>April 21</td>
</tr>
<tr>
<td>April 1–June 30</td>
<td>July 21</td>
</tr>
<tr>
<td>July 1–September 30</td>
<td>October 21</td>
</tr>
<tr>
<td>October 1–December 31</td>
<td>January 21</td>
</tr>
</tbody>
</table>

*If due date falls on a weekend, please submit to SANDAG the following week.

Please double check that the back-up documentation (invoices, receipts, etc.) for the current expended matching funds and current grant expenditures match the amounts reflected on the TransNet invoice.

If errors are found on the TransNet invoice, it will be returned to you for correction. I am happy to pre-check TransNet invoices for mathematical errors before they are submitted with associated back-up documentation. In order to allow time for this, please submit the TransNet invoice to me at least one week before the deadline shown above.

**Quarterly Progress Reports:**
Quarterly progress reports should be submitted with TransNet invoices. A quarterly report template is provided as an attachment to this email. This template can be copied onto the letterhead of the grantee or that of their consultant and manipulated as needed. **However, please ensure that each quarterly report contains the following information:**

- Information on the work performed during the reporting period (broken down by task)
- Information on the work anticipated to be performed during the next reporting period
- Information on any issues to note/challenges faced during the reporting period
Pursuant to the contract, photos are required to be submitted to SANDAG as part of the quarterly reports. Photos are invaluable to SANDAG staff—especially those taken from specific photo points so that the progress of the project can be tracked over time. These may be included as part of each task description or as a separate appendix. The photos should contain captions with project descriptions, dates, locations, and the names of those featured, if appropriate.

Project information:

- San Diego Association of Governments
- Project Title
- Quarterly Progress Report
- Reporting Period
- SANDAG Contract Number

Please contact me if you have any questions.

Best,

Sarah Pierce
Environmental Planner
San Diego Association of Governments (SANDAG)
401 B Street, Suite 800 | San Diego, CA 92101
sarah.pierce@sandag.org | (619) 699-7312
**REGIONAL MOBILITY HUB IMPLEMENTATION STRATEGY**

**Introduction**

SANDAG and the Imperial County Transportation Commission (ICTC) have been working together to develop 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. The mobility hub concept is part of *San Diego Forward: The Regional Plan* (Regional Plan). Mobility hubs are one of many concepts introduced in the Regional Plan that aim to reduce single-occupancy vehicle use and greenhouse gas emissions.

**Discussion**

In January 2014, a two-year 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 ICTC.

Mobility hubs feature a wide range of transportation services and 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, and urban design enhancements. They also may include supporting systems such as mobile applications, electric vehicle charging, smart intersections, and a universal payment system to make it easy to access a wide range of travel options. Mobility choices allow for decreased dependence on single-occupancy vehicles, allowing for reduced traffic congestion and vehicle miles traveled, in addition to improved travel times for all modes.

Staff is working to produce two primary products – a Mobility Hub Design Elements Catalog and a set of conceptual design prototypes to illustrate how mobility hubs can be developed in a variety of different place types. One round of online public outreach also has been conducted to date (see further discussion below).
**Design Elements Catalog**

A catalog of mobility hub features, amenities, and implementation considerations is being prepared to describe the wide range of elements that can contribute a mobility hub, from transit improvements, to pedestrian and bicycle amenities, to emerging technologies and motorized transportation amenities and services, including those that are provided by private entities. The transit, pedestrian, and bicycle improvements draw upon decades of urban design best practices, while the technology and motorized entries address more recent elements such as electric vehicle charging, shared mobility services, smart parking, and integrated fare payment. Where appropriate, the catalog discusses space and utility needs for each element. The catalog will serve as a resource for member agencies, transit operators, and private service providers as they work together to design and implement mobility hubs in their communities. It also will be useful statewide for other agencies to design mobility hubs. The catalog is expected to be completed by the end of October.

**Design Prototypes**

Prototype designs are being developed for eight sites in the San Diego region to illustrate how the mobility hub concept could be applied in a variety of settings. Locations were selected in an effort to represent different landforms (urban and suburban), land use types (housing and employment), and transit service types (Trolley, SPRINTER, COASTER, Rapid, and high-volume bus routes), as well as geographic distribution. The sites all meet basic criteria for density and transit service, and all were identified during the first phase of public outreach. The eight sites include:

- Oceanside Transit Center
- Vista Transit Center
- Sorrento Valley COASTER/Amtrak station
- State Route-15 at University Avenue (City Heights)
- Grossmont Transit Center
- Barrio Logan Transit Station
- 8th Street Trolley Station (National City)
- Otay Ranch Town Center

The conceptual designs will depict existing and planned transit services, pedestrian improvements, and bicycle infrastructure, and will layer potential technology and motorized improvements on top. These designs may inform deployment of potential pilot projects to demonstrate how mobility hub concepts can be realized. The conceptual designs for these prototype sites will be completed by the end of this year.

**Public Outreach**

Public outreach is an important component of this effort. The first phase involved a virtual event in which participants were invited to review project information and participate through an interactive mapping exercise and opinion surveys. In this public outreach event, nearly 200 sites were suggested as possible mobility hubs, and a variety of amenities were ranked in importance. This input was used to select the eight mobility hub prototype sites and associated amenities.
Following completion of conceptual design work on the prototype sites, the designs will be posted on the San Diego Forward website for further public review and comment.

**Next Steps**

Based on input received from the Regional Planning and Transportation Committees, and the second round of outreach, staff will refine the Design Elements Catalog and Design Prototypes and post deliverables online near the end of this calendar year. The final products for both San Diego and Imperial Counties will be incorporated into the San Diego Forward website as leading examples of the mobility hub concept.

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

Key Staff Contacts: Miriam Kirshner, (619) 699-6995, miriam.kirshner@sandag.org  
Marisa Mangan, (619) 595-5614, marisa.mangan@sandag.org
Regional Shoreline Monitoring
Program Funding

Regional Planning Committee
October 7, 2016

Regional Shoreline Monitoring

• Began in 1996
• Oceanside to Imperial Beach
• Guided selection of beaches for 2001 and 2012 RBSPs
• Program components:
  – Beach profiles
  – Lagoon entrance monitoring
  – Shoreline photography
Lessons Learned

• Document erosion “hotspots”
• Evaluate performance of RBSP nourishment
• Provide objective foundation for residents, staff, and decision makers
• Assess El Niño storm impacts

Data Use

• Online data set
• Determination of existing conditions and future trends
Data Use

• Online data set
• Determination of existing conditions and future trends
• Development and monitoring of RBSP II

[Map Image]

Data Use

• Online data set
• Determination of existing conditions and future trends
• Development and monitoring of RBSP II
• Foundation for adaptation measures

[Diagram Image]
New Five-Year Agreement

• Current contract expires after Spring 2017 survey
• Methodology for funding shown in Attachment 1
  – Based on miles of sandy shoreline, excluding federal lands
• Exact program costs based on negotiated bid with contractor

Recommendation

The Regional Planning Committee is asked to recommend that the Board of Directors continue the Regional Shoreline Monitoring Program for an additional five years based on the estimated costs shown in Attachment 1.
Land Management Grants

- Seven previous cycles
- 81 grants awarded
- $12.8 million awarded
- $8.4 million in matching funds
- Applications for eighth cycle of funding submitted in June 2016
Threat Reduction Stewardship

- Three- to five-year projects
- Habitat restoration/enhancement projects
- Five projects recommended totaling $1,297,643

Species and Habitat Recovery

- 18-month projects
- "Gap funding"
- $50,000 cap per grant
- 12 projects recommended totaling $502,356
Next Steps

- October 2016: Regional Planning Committee and Transportation Committee information and ITOC discussion
- November 2016: Regional Planning Committee and Transportation Committee recommendation
- November/December 2016: Board of Directors for approval
- Winter 2016/2017: Grant agreements
Regional Mobility Hub Implementation Strategy Overview

- Near-term action in San Diego Forward: The Regional Plan
- Caltrans Emerging Priorities Grant to assist San Diego and Imperial counties
- San Diego region to leverage Smart Growth Concept Map and Regional TOD Strategy
Transit Investment, Supporting Land Use, Improved Roads

Bike and Pedestrian Improvements
This project is developing a Regional Mobility Hub Implementation Strategy for San Diego and Imperial counties.

The strategy will develop:
- conceptual designs for different mobility hub place types
- a robust catalog of services and amenities
Public Outreach - Part 1

- Online interactive exercise
- Rank hub selection criteria
- Select hub amenities
- Pin preferred hub locations

Conceptual Design Prototype Sites

San Diego Region
- Oceanside Transit Center
- Vista Transit Center
- Sorrento Valley COASTER Station
- SR 15 at University Avenue
- Barrio Logan Trolley Station
- Grossmont Transit Center
- 8th Street Trolley Station
- Otay Ranch Town Center

Imperial County
- El Centro
- Brawley
- Imperial Valley College
Walk, Bike, and Drive Sheds

Design Element Catalog

01 TRANSIT STOP ZONE
- Enhanced Transit Waiting Areas
- Passenger Loading Zones
- Real-Time Transit Information
Design Element Catalog

02 WALK ZONE
- Improved pedestrian paths
- Improved crossings

03 BIKE ZONE
- Bike storage
- Bike share
- Improved bike facilities

04 MOTORIZED ZONE
- Connected/autonomous vehicles
- Transit signal priority
- Dedicated transit lanes
- Neighborhood electric vehicle (NEV) road network
- Smart parking
- Park-and-ride
- Electric vehicle charging
- Carshare
- Scootershare
- Shuttle service
Design Element Catalog

Next Steps

- Fall 2016: Shared mobility provider interviews
- Winter 2016: Review draft designs with local agency staff
- Spring 2017: Seek online public input on conceptual designs
- Spring 2017: Update Transportation Committee and Regional Planning Committee
Mobility Hubs in the Regional Plan

• Commitment to develop a Regional Mobility Hub Implementation Strategy
• 20 mobility hub opportunity areas
• $258 million investment
• Trolley, SPRINTER, COASTER, and Rapid services are candidates for investment
• Pilot projects at new and existing transit stations

Smart Growth Opportunity Areas

Transportation infrastructure
- High-frequency transit service
- Miles of active transportation facilities

Land use elements
- Employment density
- Residential density

Other factors
- Transit ridership
- Demographic factors
- Geographic dispersion