EXECUTIVE COMMITTEE AGENDA

Friday, November 4, 2016
9 to 10 a.m.
SANDAG, 7th Floor Conference Room
401 B Street
San Diego

AGENDA HIGHLIGHTS

- PROPOSED FY 2017 PROGRAM BUDGET AMENDMENTS: STRATEGIC PARTNERSHIP GRANT AWARDS

- SERVICE BUREAU: FY 2016 YEAR-END STATUS REPORT

PLEASE SILENCE ALL ELECTRONIC DEVICES DURING THE MEETING

MISSION STATEMENT

The 18 cities and county government are SANDAG serving as the forum for regional decision-making. SANDAG builds consensus, makes strategic plans, obtains and allocates resources, plans, engineers, and builds public transit, and provides information on a broad range of topics pertinent to the region’s quality of life.

San Diego Association of Governments  ∙ 401 B Street, Suite 800, San Diego, CA 92101-4231
(619) 699-1900  ∙  Fax (619) 699-1905  ∙ sandag.org
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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 Executive Committee meeting. Any handouts, presentations, or other materials from the public intended for distribution at the Executive Committee meeting should be received by the Committee Clerk no later than 12 noon, two working days prior to the meeting.

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EXCLUSIVE COMMITTEE
Friday, November 4, 2016

ITEM NO.  APPROVAL OF MEETING MINUTES
+1.  APPROVE

The Executive Committee is asked to review and approve the minutes from its October 14, 2016, meeting.

2.  PUBLIC COMMENTS/COMMUNICATIONS/MEMBER COMMENTS

Public comments under this agenda item will be limited to five public speakers. Members of the public shall have the opportunity to address the Executive Committee on any issue within the jurisdiction of the Committee that is not on this agenda. Other public comments will be heard during the items under the heading “Reports.” 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.

CONSENT
+3.  LEGISLATIVE STATUS REPORT (Victoria Stackwick, Robyn Wapner)  INFORMATION

Periodic status reports on legislative activities are reported to the Executive Committee throughout the year. This report provides a summary of the various federal and state activities.

REPORTS

+4.  REVIEW OF DRAFT BOARD AGENDAS (Kim Kawada)  APPROVE

The Executive Committee is asked to approve the draft agenda for the November 18, 2016, Board Business meeting. Staff also will provide a verbal update on the December 2, 2016, Board Policy meeting.

+5.  PROPOSED FY 2017 PROGRAM BUDGET AMENDMENTS: STRATEGIC PARTNERSHIP GRANT AWARDS (Tim Watson)  APPROVE

The Executive Committee is asked to approve amendments to the FY 2017 Program Budget to: (1) create new Overall Work Program Project Nos. 33217 and 33309; (2) accept $288,000 and $195,949, respectively, in Caltrans/Federal Highway Administration Strategic Partnership grant awards; and (3) authorize $120,987 in matching Transportation Development Act funds in order to develop the Inter-Regional Park and Ride Strategy and the Transportation Demand Management and Transportation System Management Traffic Impact Analysis Toolbox.
+6. SERVICE BUREAU: FY 2016 YEAR-END STATUS REPORT (Cheryl Mason)

SANDAG Board Policy requires that the Executive Committee, which governs the SANDAG Service Bureau, receive periodic progress reports on the project activities and financial status of the Service Bureau. Staff will present a summary of Service Bureau activities during FY 2016.

+7. FY 2016 PROGRAM BUDGET: YEAR-END REPORT (Tim Watson)

Staff will present the significant accomplishments and findings from the FY 2016 year-end Program Budget report.

8. 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.

9. UPCOMING MEETINGS

The next meeting of the Executive Committee is scheduled for Friday, December 2, 2016, at 9 a.m.

10. ADJOURNMENT

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

OCTOBER 14, 2016

Chair Ron Roberts (Chair, County of San Diego) called the meeting of the SANDAG Executive Committee to order at 9:04 a.m. The attendance sheet for the meeting is attached.

1. APPROVAL OF MEETING MINUTES (APPROVE)

Action: Upon a motion by Mayor Steve Vaus (North County Inland), and a second by Councilmember Todd Gloria (City of San Diego), the minutes of the September 9, 2016, Executive Committee meeting were approved. Yes – Chair Roberts, Vice Chair Terry Sinnott (North County Coastal), Mayor Vaus, Councilmember Gloria, and Mayor Ron Morrison (South County). No – None. Abstain – None. Absent – East County.

2. PUBLIC COMMENTS/COMMUNICATIONS/MEMBER COMMENTS (INFORMATION)

There were no public or member comments.

REPORTS

3. REVIEW OF DRAFT BOARD AGENDAS (APPROVE)

Kim Kawada, Chief Deputy Executive Director, presented the item.

Action: Upon a motion by Mayor Vaus, and a second by Mayor Morrison, the Executive Committee approved the draft agenda for the October 28, 2016, Board Business meeting, and the cancellation of the November 4, 2016, Board Policy meeting. Yes – Chair Roberts, Vice Chair Sinnott, Mayor Vaus, Councilmember Gloria, and Mayor Morrison. No – None. Abstain – None. Absent – East County.

4. PROPOSED FY 2017 PROGRAM BUDGET AMENDMENT: BALLOT MEASURE (APPROVE)

Rob Rundle, Principal Regional Planner, presented the item.

Action: Upon a motion by Councilmember Gloria, and a second by Vice Chair Sinnott, the Executive Committee approved an amendment to the FY 2017 Program Budget, transferring $500,000 from the Overall Work Program Contingency Reserve Fund to Work Element 32000.00, in order to ensure sufficient funding for payment to the County of San Diego for the cost of placing Measure A on the November 8, 2016, ballot. Yes – Chair Roberts, Vice Chair Sinnott, Mayor Vaus, Councilmember Gloria, and Mayor Morrison. No – None. Abstain – None. Absent – East County.
5. LEGISLATIVE STATUS REPORT (INFORMATION)

Periodic status reports on legislative activities are reported to the Executive Committee throughout the year.

Robyn Wapner, Senior Legislative Analyst, provided a summary of various state activities.

Action: This item was presented for information.

6. CONTINUED PUBLIC COMMENTS

There were no continued public comments.

7. UPCOMING MEETINGS

The next meeting of the Executive Committee is scheduled for Friday, November 4, 2016, at 9 a.m.

8. ADJOURNMENT

Chair Roberts adjourned the meeting at 9:37 a.m.
## CONFIRMED ATTENDANCE
### SANDAG EXECUTIVE COMMITTEE MEETING
### OCTOBER 14, 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>Steve Vaus</td>
<td>Primary</td>
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<td></td>
<td>Sam Abed</td>
<td>Alternate</td>
<td>Yes</td>
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<tr>
<td>North County Coastal</td>
<td>Terry Sinnott, Vice Chair</td>
<td>Primary</td>
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<td></td>
<td>Jim Wood</td>
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<td>South County</td>
<td>Ron Morrison</td>
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<td></td>
<td>Pamela Bensoussan</td>
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<td>East County</td>
<td>Bill Wells</td>
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<td>Mary Sessom</td>
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<td>City of San Diego</td>
<td>Todd Gloria</td>
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<td></td>
<td>Sherri Lightner</td>
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<td>Lorie Zapf</td>
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<td>Yes</td>
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<tr>
<td></td>
<td>Dianne Jacob</td>
<td>Alternate</td>
<td>No</td>
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</table>
LEGISLATIVE STATUS REPORT

Introduction

Monthly status reports on legislative activities are provided to the Executive Committee. Attachments 1 and 2 respectively include summaries from Ellison Wilson Advocacy, LLC on state legislative activity and from Peyser Associates LLC on federal legislative activity related to SANDAG.

VICTORIA STACKWICK
Principal Legislative Analyst

Attachments: 1. Report from Ellison Wilson Advocacy, LLC
              2. Report from Peyser Associates LLC

Key Staff Contact: Victoria Stackwick, (619) 699-6926, victoria.stackwick@sandag.org
                  Robyn Wapner, (619) 699-1994, robyn.wapner@sandag.org
TO: SANDAG BOARD OF DIRECTORS
FROM: ELLISON WILSON ADVOCACY, LLC
SUBJECT: SANDAG LEGISLATIVE ACTIVITY REPORT – OCTOBER 2016

LEGISLATIVE UPDATE

2016 Legislative Overview

The Legislature adjourned for the Final Recess of the 2015-2016 Legislative Session on August 31, 2016, with formal adjournment of the Legislative Session scheduled for midnight on November 30, 2016 (CA Constitution, Art. IV, Sec 3(a)). The 2017-2018 Legislative Session will convene on December 5, 2016, for an Organizational Session.

November Election

Democrats are hoping to obtain a two-thirds supermajority in the California Legislature at the November election. With a supermajority, Democrats would be poised to pass taxes, amend political spending laws, and move measures to the ballot without Republican support, as these actions require a two-thirds vote in order to pass. To accomplish this, Democrats will need to pick up two more seats in the Assembly and one in the Senate (Democrats currently occupy 52 seats in the Assembly and 26 in the Senate). Democrats had a supermajority in 2012, but lost it shortly after in 2014.

In addition to candidate races, there are 17 statewide ballot initiatives on the November ballot – 14 initiatives and 1 referendum that qualified through the signature gathering process, plus an additional 2 measures that were placed on the ballot by lawmakers (which does not require signatures). Thus far, political donors have spent a record $450 million to support and oppose these initiatives, thus already breaking the state’s previous record for money spent on propositions in a single year ($438 million was spent in 2008 on 21 measures).
ACTIVITY REPORT

10/3: Reviewed and analyzed proposed regulations regarding the Transformative Climate Communities Program; provided subsequent updates to SANDAG staff.


10/6: Met with Senate Transportation and Housing Committee staff regarding California NEPA Assignment Sovereign Immunity matter; provided subsequent updates to SANDAG staff.

10/10: Provided SANDAG staff with a final update on legislative action on all priority bills.
October 6, 2016

New Jersey Transit Action on Train Crews Could Reverberate

In the wake of last week’s fatal crash at the Hoboken, NJ rail terminal, New Jersey Transit (NJT) this week issued a new rule governing its train crews. That rule requires that as a train approaches a terminal the conductor must be in the control cab with the engineer of the train to ensure the train is being operated safely.

The new NJT rule was issued before the National Transportation Safety Board (NTSB) reported on the initial results of their investigation. However, when they did report, they confirmed that the train was going 21 mph when it hit the bumper at the end of the tracks. The train had entered the station at 8 mph – 2 mph below the speed limit – but then accelerated before the emergency brake was applied at the last second. NJT’s rule is intended to make an acceleration or failure to apply the brakes less likely by putting another set of eyes, ears, and hands in the control cab.

Rail experts and the media continue to assert that installing Positive Train Control (PTC) in the terminal area would prevent such accidents and that installing that technology would be the most effective way to address the safety concerns addressed in the Hoboken accident. However, NJT has requested a waiver of PTC requirements in the terminal at Hoboken. Other commuter railroads which have terminals on their system have done likewise, so NJT’s action on train crews is consistent with its request for a PTC waiver.

It remains to be seen how the Federal Railroad Administration will react to events surrounding the crash in Hoboken. Any steps they take will certainly be informed by the final NTSB report, which most likely will not be out until mid-2017. However, one can surmise that it will be more difficult for commuter operators to obtain waivers in terminal areas and that federally mandated train crew rules could be considered.

Washington Goes Quiet in Anticipation of the Election

With Congress out of town until November 14, activity on Capitol Hill has slowed. House and Senate Appropriations Committee staffers are among the most active as they begin sorting out the process for bringing appropriations measures to the floor and work on resolving differences between the two bodies on the details of their spending bills. It will likely be a couple of weeks before any details emerge on how leadership in the House and the Senate plan to proceed in the post-election session.

October 14, 2016

Foxx Acknowledges Public Agencies Difficulties in Installing Positive Train Control

With the recent train crash in Hoboken, NJ focusing national attention on the installation of PTC on the nation’s railroads, U.S. Department of Transportation (US DOT) Secretary Anthony Foxx on Tuesday told reporters he understands the difficulties public agencies have in installing PTC technology.
Secretary Foxx said he is not satisfied with the progress on PTC implementation on railroads generally, but said he understands why it is so difficult for public agencies.

“In the transit agencies, it’s particularly challenging,” Secretary Foxx said. “They’re running their systems at such thin margins that the cost of getting PTC adopted is significant relative to their budgets. That’s not an excuse, that’s just a fact.”

Bush Administration US DOT Officials Issue Open Letter Opposing Trump

While this update rarely covers news from the campaign trail, this week’s announcement that former US DOT officials from the George W. Bush Administration oppose Donald Trump’s campaign for President warrants making an exception. Led by former US DOT Secretary Mary Peters, the group includes former Federal Railroad Administrator and Amtrak President Joe Boardman, former Federal Highway Administrator Tom Madison and former National Highway Traffic Safety Administrator Jeffrey Runge. These former officials were part of a group of 13 former US DOT, Environmental Protection Agency and Energy Department officials from the Bush Administration who issued an open letter.

US DOT Awards $8 million in Mobility On-Demand Grants

Secretary Anthony Foxx on Thursday announced the award of 11 grants totaling almost $8 million from the “Mobility on Demand Sandbox Program” managed by the Federal Transit Administration. The purpose of the program is to support the development of technologies to improve access to transportation choices by integrating public transportation options with on-demand services such as bike and car sharing.

The projects receiving funding focused on partnerships between transit agencies, local governments, and tech companies. Examples of grants cited in the US DOT press release include:

- TriMet, which serves Portland, OR, will receive funds to integrate shared-use mobility options into its existing trip-planning app, allowing users to plan efficient trips even without nearby transit access.

- The Vermont Agency of Transportation will receive $480,000 for a statewide transit trip planner that will incorporate flexible-route, hail-a-ride, and other services in mobility apps. The online trip planner particularly benefits non-traditional rural transit users and people with disabilities, allowing universal access to transit information.

- Dallas Area Rapid Transit (DART) will receive $1.2 million to integrate ride-sharing services into its GoPass ticketing app. The project will create an integrated, multimodal application that leverages ride-sharing services, improving access to DART stations, particularly in non-walkable areas not well served by transit.

A full list of grant awards may be found here: https://www.transit.dot.gov/research-innovation/fiscal-year-2016-mobility-demand-mod-sandbox-program-projects.
REVIEW OF THE NOVEMBER 18, 2016, DRAFT BOARD BUSINESS AGENDA

<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>
<tr>
<td></td>
<td>+1A. October 14, 2016, Board Policy Meeting Minutes</td>
</tr>
<tr>
<td></td>
<td>+1B. October 28, 2016, Board Business Meeting Minutes</td>
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<tr>
<td>2.</td>
<td>PUBLIC COMMENTS/COMMUNICATIONS/MEMBER COMMENTS</td>
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<tr>
<td></td>
<td>Public comments under this agenda item will be limited to five public speakers. Members of the public shall have the opportunity to address the Board on any issue within the jurisdiction of SANDAG that is not on this agenda. Other public comments will be heard during the items under the heading “Reports.” Anyone desiring to speak shall reserve time by completing a “Request to Speak” form and giving it to the Clerk of the Board prior to speaking. Public speakers should notify the Clerk of the Board if they have a handout for distribution to Board members. Public speakers are limited to three minutes or less per person. Board members also may provide information and announcements under this agenda item.</td>
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<tr>
<td>+3.</td>
<td>ACTIONS FROM POLICY ADVISORY COMMITTEES</td>
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<tr>
<td></td>
<td>(Victoria Stackwick)</td>
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<td></td>
<td>This item summarizes the actions taken by the Policy Advisory Committees since the last Board Business Meeting. The Board of Directors is asked to ratify these actions.</td>
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<tr>
<td>+4.</td>
<td>APPROVAL OF PROPOSED SOLICITATIONS AND CONTRACT AWARDS</td>
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<td></td>
<td>(Laura Coté)</td>
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<td>The Board of Directors is asked to review and approve the proposed solicitations and contract awards summarized in the attached reports.</td>
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<tr>
<td></td>
<td>+4A. Solicitations</td>
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<tr>
<td></td>
<td>+4B. Contract Awards</td>
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</table>
+5. OVERVIEW OF DEVELOPMENTS IN THE FINANCIAL MARKETS AND QUARTERLY FINANCE REPORT FOR THE PERIOD ENDING SEPTEMBER 30, 2016 (Andre Douzdjian, Lisa Kondrat-Dauphin, and Ray Major)*

   This quarterly report provides various finance-related items to the Board of Directors, including: (1) a quarterly report of investments, including all money under the direction or care of SANDAG; (2) an update on the SANDAG debt portfolio; and (3) information about the latest developments in the financial markets, the economy, and sales tax revenues.

+6. QUARTERLY PROGRESS REPORT ON TRANSPORTATION PROJECTS - JULY THROUGH SEPTEMBER 2016 (Asitha Seneviratne)*

   This quarterly report summarizes the current status of major transit, highway, arterial, traffic management, and Transportation Demand Management projects in the SANDAG five-year Regional Transportation Improvement Program for the period July through September 2016.

+7. REPORT ON MEETINGS AND EVENTS ATTENDED ON BEHALF OF SANDAG (Victoria Stackwick)

   Board members will provide brief reports orally or in writing on external meetings and events attended on behalf of SANDAG since the last Board of Directors Business meeting.

+8. REPORT SUMMARIZING DELEGATED ACTIONS TAKEN BY THE EXECUTIVE DIRECTOR (André Douzdjian)*

   In accordance with various SANDAG Board Policies, this report summarizes certain delegated actions taken by the Executive Director since the last Board of Directors Business meeting.

CHAIR'S REPORT

+9. ELECTION OF 2017 SANDAG BOARD OFFICERS (San Diego Councilmember Todd Gloria; Nominating Committee Chair)*

   The Nominating Committee recommends the attached slate of candidates for SANDAG Chair, First Vice Chair, and Second Vice Chair for calendar year 2017. Additional nominations for any officer position may be made by Board members at the meeting. The Board of Directors is asked to elect SANDAG Board Officers for the upcoming year.
**REPORTS**

+10. **HEARING OF NECESSITY: ACQUISITION OF PROPERTY INTERESTS LOCATED IN THE CITY OF SAN DIEGO FOR THE MID-COAST CORRIDOR TRANSIT PROJECT** (Ryan Kohut, John Haggerty)  

The Board of Directors is asked to: (1) receive public testimony; (2) adopt Resolution of Necessity No. 2016-XX by a two-thirds vote, pertaining to acquisition of property for the Mid-Coast Corridor Transit project; and (3) authorize staff to proceed with all condemnation filings and proceedings necessary to acquire the partial interests in the subject parcels.

+11. **PROPOSED FY 2017 PROGRAM BUDGET AMENDMENT: INTERSTATE 5/VOIGT DRIVE IMPROVEMENTS** (San Diego Councilmember Todd Gloria, Transportation Committee Chair; Allan Kosup, Caltrans Corridor Director)  

The Transportation Committee recommends that the Board of Directors approve an amendment to the FY 2017 Program Budget to add $5.75 million in State Highway Operation and Protection Program funding to the Interstate 5 (I-5)/Voigt Drive Improvement Project for the construction of a half-mile auxiliary lane on southbound I-5 between Genesee Avenue and La Jolla Village Drive.

+12. **TransNet ENVIRONMENTAL MITIGATION PROGRAM: LAND MANAGEMENT GRANT PROGRAM: RECOMMENDED PROJECT AWARDS FOR EIGHTH CYCLE OF GRANT FUNDING** (Solana Beach Councilmember Lesa Heebner, Regional Planning Committee Chair; Sarah Pierce)  

The Regional Planning and Transportation Committees recommend that the Board of Directors award funding for the Eighth Cycle of the TransNet Environmental Mitigation Program Land Management Grants.

+13. **REGIONAL SHORELINE MONITORING PROGRAM** (Solana Beach Councilmember Lesa Heebner, Regional Planning Committee Chair; Sarah Pierce)  

The Regional Planning Committee recommends that the Board of Directors continue the Regional Shoreline Monitoring Program (Program) for an additional five years based on the FY 2018 Estimated Program Cost. The Board of Directors also is asked to authorize the Executive Director to execute all documents necessary to implement the Program.

14. **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.
15. **UPCOMING MEETINGS**

The next Board Policy meeting is scheduled for Friday, December 2, 2016, at 10 a.m. The next Board Business meeting is scheduled for Friday, December 16, 2016, at 9 a.m. (Please note, these meetings are scheduled for the first and third Fridays, respectively, due to the holiday schedule.)

16. **ADJOURNMENT**

+ next to an agenda item indicates an attachment

* next to an agenda item indicates that the Board of Directors also is acting as the San Diego County Regional Transportation Commission for that item
PROPOSED FY 2017 PROGRAM BUDGET AMENDMENTS:
STRATEGIC PARTNERSHIP GRANT AWARDS

Introduction

In August 2016, Caltrans announced the award of two new Strategic Partnership grants to SANDAG totaling $483,949. Acceptance of the awards requires two amendments to the FY 2017 Program Budget and Overall Work Program (OWP) in the amounts of $324,000 and $244,936, respectively, to incorporate the new grant funding and required matching funds.

Discussion

Table 1 lists the title of each awarded project, the award amount, local match requirement, the work element number, and the proposed changes.

Table 1. FY 2016-2017 Strategic Partnership Grant Awards to SANDAG

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Amount Awarded</th>
<th>Local Match</th>
<th>FY 2017 Work Element Number</th>
<th>Proposed Change</th>
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<tbody>
<tr>
<td>1. Inter-Regional Park and Ride Strategy</td>
<td>$288,000</td>
<td>$36,000</td>
<td>33217.00</td>
<td>Add new work element</td>
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<tr>
<td>2. Transportation Demand Management and Transportation System Management Traffic Impact Analysis Toolbox</td>
<td>$195,949</td>
<td>$48,987</td>
<td>33309.00</td>
<td>Add new work element</td>
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</table>

Recommendation

The Executive Committee is asked to approve amendments to the FY 2017 Program Budget to: (1) create new Overall Work Program Project Nos. 33217 and 33309; (2) accept $288,000 and $195,949 in Caltrans/Federal Highway Administration Strategic Partnership grant awards; and (3) authorize $120,987 in matching Transportation Development Act funds, in substantially the same form as shown in Attachments 1 and 2, in order to develop the Inter-Regional Park and Ride Strategy and the Transportation Demand Management and Transportation System Management Traffic Impact Analysis Toolbox.
The two projects selected for a grant award were included in the pending discretionary grant section of the FY 2017 Program Budget. These new projects are multiyear efforts that must be completed by June 30, 2019. The grants also require a local match. The proposed amendments to the FY 2017 Program Budget (Attachments 1 and 2), including required matching funds, are discussed in further detail below.

**New Work Elements**

*Inter-Regional Park and Ride Strategy - New Work Element 33217.00*

The goal of this project is to develop regional management strategies for existing and future Park and Ride facilities in San Diego and western Riverside Counties. The proposed scope will develop a Park and Ride Demand Analysis and Siting Tool using a Geographic Information System in order to evaluate and prioritize sites. Additionally, a Park and Ride Management Framework will be developed, which will identify best practices from around the country for Park and Ride management strategies that accommodate carpoolers, vanpoolers, and transit riders, while discouraging other uses of Park and Ride lots. The final report will recommend phased implementation of the management strategies.

Proposed matching funds are shown in Attachment 1 and would use available existing and projected Transportation Development Act funding. The Riverside County Transportation Commission also will be contributing an equal amount of matching funds to support its share of the project.

*Transportation Demand Management and Transportation System Management Traffic Impact Analysis Toolbox – New Work Element 33309.00*

The goal of this project is to provide a consistent approach for integrating Transportation Demand Management (TDM) and Transportation System Management (TSM) into the development review and traffic impact analysis process. The project will serve as a resource for local and private agencies for considering TDM and TSM as mitigating strategies that can decrease single occupant vehicle trips. Key tasks of the grant include conducting a literature review and case study research on existing trip reduction measures, ordinances, policies, programs, and available tools or methodologies for considering TDM and TSM as strategies for mitigating traffic impacts; developing a Regional TDM and TSM Traffic Impact Analysis Toolbox; and recommending updates to key elements of the Regional Traffic Impact Study Guidelines, as appropriate.

Matching funds are shown in Attachment 2 and would use available existing and projected Transportation Development Act funding.

**Next Steps**

Upon approval by the Executive Committee, staff will coordinate with Caltrans District 11 to amend the FY 2017 Program Budget and the OWP Agreement to accept the funds. Planning work on these new projects would commence in FY 2017 and is expected to be completed in FY 2019.

ANDRÉ DOUZDJIAN
Director of Finance
Attachments:  
1. Inter-Regional Park and Ride Strategy – New Work Element 33217.00  
2. TDM and TSM Traffic Impact Analysis Toolbox – New Work Element 33309.00  

Key Staff Contact: Tim Watson, (619) 699-1966, timothy.watson@sandag.org  
Miriam Kirshner, (619) 699-6995, miriam.kirshner@sandag.org
WORK ELEMENT: 33217.00  Inter-Regional Park and Ride Strategy
FY 2017 BUDGET: $0 $42,000
AREA OF EMPHASIS: Sustainable Mobility Programs and Services

Amendment Title: OWP Amendment to add a new project reflecting a grant award from Caltrans for FY 2017

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<tbody>
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<td>Federal Highway Administration Strategic Partnership for Sustainable Transportation</td>
<td>$0</td>
<td>$0 $37,333</td>
<td>$0 $250,667</td>
<td>$0 $288,000</td>
</tr>
<tr>
<td>Transportation Development Act (TDA) Planning/Administration</td>
<td>$0</td>
<td>$0 $4,667</td>
<td>$0 $31,333</td>
<td>$0 $36,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>$0</td>
<td><strong>$0 $42,000</strong></td>
<td><strong>$0 $282,000</strong></td>
<td><strong>$0 $324,000</strong></td>
</tr>
</tbody>
</table>

Note: In Kind contribution from Riverside County Transportation Commission of $36,000

<table>
<thead>
<tr>
<th>Funds Application</th>
<th>Prior</th>
<th>FY 2017</th>
<th>FY 2018 - 2019</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries, Benefits, Indirect</td>
<td>$0</td>
<td>$0 $21,589</td>
<td>$0 $80,000</td>
<td>$0 $101,589</td>
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<tr>
<td>Other Direct Costs</td>
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<td>$0</td>
<td>$0 $411</td>
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<td>Contracted Services</td>
<td>$0</td>
<td>$0 $20,000</td>
<td>$0 $202,000</td>
<td>$0 $222,000</td>
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<tr>
<td>Employee Benefits</td>
<td></td>
<td>$0</td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>$0</td>
<td><strong>$0 $42,000</strong></td>
<td><strong>$0 $282,000</strong></td>
<td><strong>$0 $324,000</strong></td>
</tr>
</tbody>
</table>

**OBJECTIVE**

This project is focused on developing regional management strategies for existing and future Park and Ride facilities in San Diego and Western Riverside Counties. The proposed scope will develop a Park and Ride Demand Analysis and Siting Tool using a Geographic Information System in order to evaluate and prioritize sites. Additionally, a Park and Ride Management Framework will be developed, which will identify best practices from around the country for Park and Ride management strategies that accommodate carpoolers, vanpoolers, and transit riders, while discouraging other uses of Park and Ride lots. The final report will recommend phased implementation of the management strategies. Emphasis in FY 2017 will be to (1) contract with consultant to support scope of work; (2) conduct research on best practices and existing conditions; (3) develop a map of existing Park and Ride lots in both San Diego and Riverside; and (4) develop a draft Park and Ride Management Strategy Framework for both regions.
PREVIOUS ACCOMPLISHMENTS

This study also will build upon previous successful partnerships between both regions, including a Caltrans-funded grant for the Interstate 15 Inter-Regional Partnership to address common concerns that affect transportation, economic development, housing, and other planning-related issues between both regions. SANDAG and the Riverside County Transportation Commission have previously collaborated and agreed upon the relationship and significance of travel patterns between San Diego and Western Riverside Counties.

Project Manager: Petonak, April
Committee(s):
Working Group(s):

PRODUCTS, TASKS, AND SCHEDULES FOR FY 2017

<table>
<thead>
<tr>
<th>Task No.</th>
<th>% of Effort</th>
<th>Task Description</th>
<th>Product</th>
<th>Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td>Coordinate with Caltrans on the requirements of the grant agreement, execute task order with consultant, process invoices and prepare quarterly reports.</td>
<td>Quarterly progress reports</td>
<td>6/30/2017</td>
</tr>
<tr>
<td>2</td>
<td>40</td>
<td>Develop draft goals and objectives for Park and Ride needs in San Diego and Western Riverside Counties. Research best practices throughout the country.</td>
<td>Summary of research findings</td>
<td>6/30/2017</td>
</tr>
<tr>
<td>3</td>
<td>40</td>
<td>Develop preliminary maps and tables of existing Park and Ride lots. Create a list of local jurisdiction stakeholders.</td>
<td>List of stakeholders</td>
<td>6/30/2017</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>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td>Task Description: Prepare Quarterly progress reports and process invoices. Product: Quarterly progress reports Completion Date: 6/30/2018</td>
</tr>
<tr>
<td>2</td>
<td>25</td>
<td>Task Description: Develop maps and tables of existing Park and Ride lots. Develop Park and Ride typologies and reference case studies. Product: Final version of Maps and Tables Completion Date: 6/30/2018</td>
</tr>
<tr>
<td>3</td>
<td>20</td>
<td>Task Description: Enhance existing Caltrans District 11 GIS Park and Ride Identification tool. Product: Website tool Completion Date: 6/30/2018</td>
</tr>
<tr>
<td>4</td>
<td>35</td>
<td>Task Description: Complete final report of all previous tasks Product: Final Reports. Website and fact sheets. Completion Date: 6/30/2018</td>
</tr>
<tr>
<td>5</td>
<td>15</td>
<td>Task Description: Develop and finalize recommendations for implementation of future Park and Ride locations in San Diego and Western Riverside Counties. Product: Summary report Completion Date: 10/30/2018</td>
</tr>
</tbody>
</table>

Note: Proposed amendments to include the Caltrans grant award of $288,000 to be added to the FY 2017 Program Budget and Overall Work Program. Grant to be completed by FY 2019.
WORK ELEMENT: 33309.00 Transportation Demand Management and Transportation System Management Traffic Impact Analysis Toolbox

FY 2017 BUDGET: $0 $71,915

AREA OF EMPHASIS: Sustainable Mobility Programs and Services

Amendment Title: OWP Amendment to add a new project reflecting a grant award from Caltrans for FY 2017

<table>
<thead>
<tr>
<th>Funds Source</th>
<th>Prior</th>
<th>FY 2017</th>
<th>FY 2018 - 2019</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Highway Administration Strategic Partnership for Sustainable Transportation</td>
<td>$0</td>
<td>$0 $57,532</td>
<td>$0 $138,417</td>
<td>$0 $195,949</td>
</tr>
<tr>
<td>Transportation Development Act (TDA) Planning/Administration - Carryover from Previous Year</td>
<td>$0</td>
<td>$0 $14,383</td>
<td>$0</td>
<td>$0 $14,383</td>
</tr>
<tr>
<td>TDA Planning/Administration</td>
<td>$0</td>
<td>$0</td>
<td>$0 $34,604</td>
<td>$0 $34,604</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$0</strong></td>
<td><strong>$0 $71,915</strong></td>
<td><strong>$0 $173,021</strong></td>
<td><strong>$0 $244,936</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Funds Application</th>
<th>Prior</th>
<th>FY 2017</th>
<th>FY 2018 - 2019</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries, Benefits, Indirect</td>
<td>$0</td>
<td>$0 $14,815</td>
<td>$0 $18,982</td>
<td>$0 $33,797</td>
</tr>
<tr>
<td>Contracted Services</td>
<td>$0</td>
<td>$0 $57,100</td>
<td>$0 $154,039</td>
<td>$0 $211,139</td>
</tr>
<tr>
<td>Employee Benefits</td>
<td></td>
<td>$0</td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$0</strong></td>
<td><strong>$0 $71,915</strong></td>
<td><strong>$0 $173,021</strong></td>
<td><strong>$0 $244,936</strong></td>
</tr>
</tbody>
</table>

**OBJECTIVE**

The goal of this project is to provide a consistent approach for integrating Transportation Demand Management (TDM) and Transportation System Management (TSM) into the development review and traffic impact analysis process. The project supports the implementation of Senate Bill 743 (2013, Steinberg) as it will propose a regional framework for considering the trip reduction benefits of TDM and TSM strategies. The development of the traffic analysis toolbox will be available for local jurisdictions and private developers to assist with evaluating TDM and TSM strategies during the development review process. Emphasis in FY 2017 will be to complete a review of current literature on best practices for TDM and TSM implementation, and develop a regional impact assessment framework and draft TDM and TSM Traffic Impact Analysis Toolbox.
PREVIOUS ACCOMPLISHMENTS

This project builds on SANDAG’s on-going partnership with local and state transportation agencies to establish a region-wide approach to expanding mobility choices in the region. This work program focuses on TSM and TDM projects, concepts, and programs and will leverage completed and on-going TSM and TDM program efforts including the Interstate 805 South Active Traffic Demand Management Concept of Operations, the Interstate 15 Integrated Corridor Management project, Regional Mobility Hubs Implementation Strategy, Regional Parking Management Toolbox, and Integrating TDM into the Planning and Development Process Study.

Project Manager: Meier, Antoinette
Committee(s): Transportation Committee
Working Group(s): Cities/County Transportation Advisory Committee, San Diego Traffic Engineers' Council

PRODUCTS, TASKS, AND SCHEDULES FOR FY 2017

<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>15</td>
<td>Project and Grant Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Task Description:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Product: Quarterly progress reports</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Completion Date: 6/30/2017</td>
</tr>
<tr>
<td>2</td>
<td>40</td>
<td>Completion of a literature review and data collection</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Task Description:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Product: Literature Review and Data Collection Framework and Findings Report</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Completion Date: 6/30/2017</td>
</tr>
<tr>
<td>3</td>
<td>45</td>
<td>Develop a Regional Impact Assessment Framework and Draft T3 Toolbox</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Task Description:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Product: Assessment Framework</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Completion Date: 6/30/2017</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        | 5           | **Task Description:** Project and Grant Management  
**Product:** Quarterly progress reports  
**Completion Date:** 6/30/2018 |
| 2        | 55          | **Task Description:** Final TDM and TSM Traffic Impact Analysis Toolbox  
**Product:** T3 Toolbox  
**Completion Date:** 6/30/2018 |
| 3        | 15          | **Task Description:** T3 Toolbox Training Outreach  
**Product:** T3 Toolbox Outreach  
**Completion Date:** 6/30/2018 |
| 4        | 25          | **Task Description:** Develop T3 Toolbox Supplement for Incorporation in Regional Transportation Impact Study Guidelines Scope  
**Product:** T3 Toolbox Supplement  
**Completion Date:** 6/30/2018 |

Note: Proposed amendments to include the Caltrans grant award of $195,949 to be added to the FY 2017 Program Budget and Overall Work Program. Grant to be completed by FY 2019.
SERVICE BUREAU: FY 2016 YEAR-END STATUS REPORT

File Number 7500000

Introduction

In accordance with SANDAG Board Policy No. 012: SANDAG Service Bureau, periodic progress reports on the project activities and financial status of the Service Bureau are provided to the Executive Committee. The Service Bureau provides informational and technical services through SANDAG and its nonprofit public-benefit corporation, SourcePoint. The Executive Committee serves as the governing body of the Service Bureau, and the Board of Directors of SourcePoint. This report summarizes the financial performance of the Service Bureau during FY 2016 and highlights some of the projects completed.

Discussion

The SANDAG Service Bureau is a fee-based operation that provides informational and technical services to member agencies, nonmember government agencies, private organizations, and individuals. The purpose of the Service Bureau is to offer products and services that meet the needs of decision-makers in the public and private sectors, while enhancing the quality and extent of demographic, economic, transportation, land use, criminal justice, and other information maintained in the SANDAG Regional Information System (RIS) and the technology used to support it. One of the goals of the Service Bureau is to generate revenue to update and enhance the RIS.

Financial Status

As of June 30, 2016, the Service Bureau earned revenues of $559,528 from projects begun during FY 2016 and projects carried over from previous fiscal years. Expenses related to performing these projects were $509,352, meaning that revenues exceeded expenses by $50,176, or 9.9 percent. Non-recoverable costs related to management and business development are covered by these revenues. When those costs are taken into account, revenues exceeded expenses by $41,874, or 8.1 percent (see Table 1, below).
Table 1
SANDAG Service Bureau
Revenues and Expenses as of 6/30/2016

<table>
<thead>
<tr>
<th>Type of Project</th>
<th>Revenue</th>
<th>Expenses</th>
<th>Change in Net Position</th>
<th>Percent Change 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feasibility Studies and Comprehensive Plans</td>
<td>$276,900</td>
<td>$273,136</td>
<td>$3,764</td>
<td>1.4%</td>
</tr>
<tr>
<td>Transportation Modeling</td>
<td>$164,886</td>
<td>$122,095</td>
<td>$42,791</td>
<td>35%</td>
</tr>
<tr>
<td>Other Services</td>
<td>$99,585</td>
<td>$98,785</td>
<td>$800</td>
<td>0.8%</td>
</tr>
<tr>
<td>Demographic Data, Geographic Information System (GIS) Services and Surveys</td>
<td>$18,157</td>
<td>$15,336</td>
<td>$2,821</td>
<td>18.4%</td>
</tr>
<tr>
<td><strong>Total All Projects</strong></td>
<td><strong>$559,528</strong></td>
<td><strong>$509,352</strong></td>
<td><strong>$50,176</strong></td>
<td><strong>9.9%</strong></td>
</tr>
<tr>
<td>Non-Project Expenses</td>
<td>$0</td>
<td>$8,302</td>
<td>($8,302)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Net Total</strong></td>
<td><strong>$559,528</strong></td>
<td><strong>$517,654</strong></td>
<td><strong>$41,874</strong></td>
<td><strong>8.1%</strong></td>
</tr>
</tbody>
</table>

Non-RIS-Generating Projects

| Construction Contract Management Services to Member Agencies 2 | $1,407,899 | $1,407,899 | $0 | – |

1 Percent change is calculated based on expenses.

2 In 2011, the City of Santee requested that SourcePoint enter into a multi-year contract to provide access to SANDAG on-call engineering contracts, conduct competitive procurements, and serve as the contract administrator for the construction of certain projects in the City of Santee. The Executive Committee approved a waiver of the RIS fee.

Overview of Projects

During FY 2016, a total of 70 projects were started or carried over from the previous fiscal year. The services provided are concentrated in the areas of transportation modeling; demographic data, GIS services, and surveys; feasibility studies and comprehensive plans; and other services.

The largest revenue-generating category is feasibility studies and comprehensive plans. The Service Bureau wrapped up a study that explored the feasibility of a bicycle/pedestrian tube on the San Diego-Coronado bridge and another that explored a freeway cap on State Route 94. In addition, staff began a new project with the City of Carlsbad to develop a parking study for the Village, Barrio, and beach area.

The next largest category is transportation modeling. More than 80 percent of projects are concentrated in this category. In addition to a number of smaller requests for estimating traffic impacts due to development projects, the Service Bureau also is working on some larger projects that assist local jurisdictions with community and general plan updates.
The other services category comes next. This category includes supportive services for member agencies that do not fit into the main Service Bureau categories. It includes facilitating a pilot project between the California Coastal Commission and Carlsbad for early coordination on projects that fall within the Coastal Commission jurisdiction. As described in previous staff reports, Carlsbad provided funding to the Coastal Commission to hire an additional analyst, and in exchange, is receiving enhanced services and expedited project review. The funding and agreements are processed through the Service Bureau. The pilot, which officially began in January 2016, completed its first six months and is off to a good start.

Lastly, the Service Bureau completed some short-term requests for customized demographic data, GIS analyses, and surveys. In particular, staff wrapped up a multi-year GIS project to develop a mapping application for the CaliBaja Binational Mega-region website.

**Planned Projects in FY 2017**

Requests for transportation modeling from various private and public agencies have been steady in FY 2017. In addition, the Service Bureau has begun a new study to assist the City of Carlsbad develop a Transportation Demand Management program. Staff will seek opportunities to partner with other organizations and researchers and continue to offer products and services that meet the needs of the community.

KURT KRONINGER
Director of Technical Services

Key Staff Contact: Cheryl Mason, (619) 699-1951, cheryl.mason@sandag.org
FY 2016 PROGRAM BUDGET: YEAR-END REPORT

File Number 1500400

Introduction

This report summarizes the financial and overall performance of the FY 2016 SANDAG Program Budget, including major accomplishments as well as any significant delays in planned progress. Key accomplishments for the three major components of the SANDAG Program Budget – the Overall Work Program (OWP), Regional Operations, and the Capital Program – are summarized in the attached year-end report (Attachment 1).

Discussion

The OWP comprises regional modeling, research, forecasting, sustainable development planning and strategies, mobility programs and services, and external coordination activities. Most OWP projects are funded on an annual basis, although unspent funds can be carried over into the next fiscal year. Actual OWP expenses were 91.5 percent of the amended FY 2016 budget of $36.3 million. The majority of the remaining unspent funds were carried over to fund planned work efforts in FY 2017 and beyond. The vast majority of work efforts identified and approved as part of the amended FY 2016 OWP budget were accomplished. Of the budgeted work elements and associated tasks, 87 percent were completed.

Regional Operations is composed of the following programs: managing toll facilities on State Route 125 and Interstate 15; motorist aid services, including Freeway Service Patrol and the call box program; and maintenance and support of intelligent transportation and regional law enforcement data systems. Compared to the amended FY 2016 Regional Operations budget of $54.7 million, $51 million, or 93.2 percent in actual expenditures and reserve commitments were recorded. The remaining unspent funds were carried over for FY 2017 operations or held in reserve accounts.

The Capital Program includes 86 TransNet Early Action Program projects and 35 regional capital projects, totaling $7.7 billion, with an amended budget of approximately $641.4 million in projected spending for FY 2016. For FY 2016, 73 percent of the amended capital budget for SANDAG and Caltrans was expended. Capital projects are by their nature multi-year projects, and the difference in FY 2016 budgeted versus actual amounts were due to schedule revisions or cost savings for certain capital projects.
Ongoing Activities and Monitoring

Action plans relating to incomplete projects in the OWP have been carried forward and are being tracked in the current fiscal year. Staff will continue to track progress on incomplete items, confirm their continued need, and see them through to completion.

Each quarter, SANDAG submits required progress reports to various funding agencies for OWP and Regional Operations projects, providing information on the progress made for each work element. For internal project management reporting, progress on each project is reported quarterly at the Task/Product level, estimated completion dates are confirmed or updated, and overall progress is monitored. Projects with budget variances and/or schedule delays also are identified and reviewed by management staff. Approximately 415 tasks and deliverables included in 112 individual work elements were tracked using this process in FY 2016.

For the Capital Program, progress is monitored monthly using a variety of performance metrics, including schedule adherence, budget burn rate, percentage of work complete, estimate at complete, and risk analysis. A web-based dashboard is used to monitor trends, risks, issues, and progress. Performance metrics are summarized in a report that is reviewed by management at quarterly project status meetings. Progress reports, construction notices, fact sheets, key documents, social media updates, and news releases are posted on an ongoing basis on the Keep San Diego Moving website. Quarterly reports on the progress and challenges of key projects are presented to the Independent Taxpayer Oversight Committee, the Transportation Committee, and the Board of Directors.

ANDRÉ DOUZDJIAN
Director of Finance

Attachment: 1. FY 2016 Program Budget Year-End Performance Report

Key Staff Contact: Tim Watson, (619) 699-1966, timothy.watson@sandag.org
Table 1
Amended Budget to Actual Summary (in Millions)

<table>
<thead>
<tr>
<th>Program</th>
<th>FY 2016 Original Budget</th>
<th>FY 2016 Amended Budget</th>
<th>FY 2016 Actual Expenses</th>
<th>Difference</th>
<th>Percent of Amended Budget Spent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Work Program</td>
<td>$41.3</td>
<td>$36.3</td>
<td>$33.2</td>
<td>$3.1</td>
<td>91.5%</td>
</tr>
<tr>
<td>Regional Operations</td>
<td>56.2</td>
<td>54.7</td>
<td>51.0</td>
<td>3.7</td>
<td>93.2%</td>
</tr>
<tr>
<td>Capital Program – SANDAG*</td>
<td>654.3</td>
<td>385.1</td>
<td>273.7</td>
<td>111.4</td>
<td>71.1%</td>
</tr>
<tr>
<td>Capital Program – Caltrans*</td>
<td>277.4</td>
<td>254.6</td>
<td>195.9</td>
<td>58.8</td>
<td>76%</td>
</tr>
<tr>
<td>Capital Program - Others</td>
<td>1.7</td>
<td>1.7</td>
<td>0.8</td>
<td>0.9</td>
<td>47.1%</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>$1,030.9</strong></td>
<td><strong>$732.4</strong></td>
<td><strong>$554.6</strong></td>
<td><strong>$177.9</strong></td>
<td><strong>75.7%</strong></td>
</tr>
</tbody>
</table>

* Does not include Environmental Mitigation Program projects.

FY 2016 Overall Work Program Revenue and Expenditure Performance

The Overall Work Program (OWP) comprises regional modeling, research, forecasting, sustainable development planning and strategies, mobility programs and services, and external coordination activities. As of June 30, 2016, actual revenue for the OWP portion of the FY 2016 Program Budget came in as planned. Approved discretionary grants and federal planning funds were available as appropriated. FY 2016 Transportation Development Act and TransNet actual revenues increased 2.3 and 2.5 percent, respectively, compared to the revised projection of 3.5 percent. Amendments to the original FY 2016 OWP budget of $41.3 million resulted in a net decrease of $5 million, for a final amended budget of $36.3 million. Of the budgeted OWP projects, 87 percent of the work elements and associated tasks were completed.

Actual FY 2016 OWP expenditures were $33.2 million, compared to FY 2015 spending of $33.6 million. The resulting Budget to Actual expenditures were 91.5 percent of the amended budget. Two projects came in significantly under budget: Job Access and Reverse Commute Pass-Through (33209.00) deferred the purchase of the last remaining vehicle until it could be grouped with other vehicles in a new grant for purchase in FY 2017; and Flexible Transportation for Seniors and Disabled (33215.00), a new grant-funded project, was delayed to FY 2017 pending the completion of the Coordinated Human Services and Public Transportation Plan.
The ending uncommitted balance of the contingency reserve for the OWP as of June 30, 2016, was approximately $11.7 million. This represents approximately 27 percent of the FY 2017 OWP Budget, which exceeds the minimum target of 10 percent, as required by Board Policy No. 030: Contingency Reserve Policy.

FY 2016 Regional Operations Revenue and Expenditure Performance

Regional Operations is composed of the following programs: managing toll facilities on State Route 125 (SR 125) and Interstate 15 (I-15); motorist aid services, including Freeway Service Patrol (FSP) and the call box program; maintenance and support of intelligent transportation; and regional law enforcement data systems. The Regional Operations Program includes 15 projects and had an amended budget of $54.7 million, of which $51 million or 93.2 percent in actual expenditures and reserve commitments were recorded. The primary reason for being $3.7 million under budget can be attributed to $1.2 million in lower FSP (33102.00) expenditures due to reduced construction mitigation requests, lower fuel prices, and a realignment of FSP service trucks. In addition, SR 125 Facility Operations were $0.9 million under projections due to lower than expected costs for irrigation, insurance, equipment, and professional services. Call Box Operations (33122.00) were $0.3 million lower than anticipated due to lower labor and professional services expenses, and reduced costs for the Regional Helicopter program. Finally, $0.3 million in planned system upgrades in Intelligent Transportation System Operations (33110.00) will be carried over into FY 2017 to take advantage of a new network services agreement, and to align the work with Caltrans activities. Automated Regional Justice Information System (ARJIS) was $0.9 million under budget primarily due to delaying network equipment procurements, unfilled staff positions, cost savings due to the consolidation of software licenses, and contingencies such as legal fees that were not required.

The ending uncommitted balance of the contingency reserve for Regional Operations as of June 30, 2016, was approximately $13.5 million. The uncommitted balance represents approximately 24 percent of the FY 2017 Regional Operations budget.

FY 2016 Capital Program Revenue and Expenditure Performance

The Capital Program includes 86 TransNet Early Action Program projects and 35 regional capital projects. The Environmental Mitigation Program (EMP) (12002.00 and 12003.00) is a unique category of projects within the Capital Program that was initiated to mitigate habitat impacts for regional transportation projects. While implementation of the rest of the Capital Program is based on design and construction of capital projects, EMP projects are subject to right-of-way availability and willing sellers. As such, given the unpredictable nature of available parcels for acquisition and restoration, the EMP annual budget is not included in the annual performance metrics for the Capital Program.

Progress for all other capital projects is monitored monthly using a variety of performance metrics, including schedule adherence, budget burn rate, percentage of work complete, estimate at complete, and risk analysis. A web-based dashboard is used to monitor trends, risks, issues, and progress. Performance metrics are summarized in a report that is reviewed by management at a quarterly project status meeting. Progress reports, construction notices, fact sheets, key documents, social media updates, and news releases are posted on an ongoing basis on the Keep San Diego Moving website. Quarterly reports on the progress and challenges of key projects are presented to the Independent Taxpayer Oversight Committee, the Transportation Committee, and the Board of
Directors. Throughout the fiscal year, project managers refine cost estimates and phase durations to incorporate project risks, issues and progress.

The amended Capital Program was projected to spend approximately $641.4 million in FY 2016. This total includes phases controlled by SANDAG, Caltrans, and others. The amended budget that flows directly through SANDAG was $385.1 million. Of that, $273.7 million in actual expenditures was incurred. Estimated FY 2016 expenditures were adjusted downward by $269.2 million, which was composed of the following cash flow reductions: $219 million for Mid-Coast (12570.01), $7.4 million for I-15 Mira Mesa Direct Access Ramp BRT Station (1201506), $6.1 million for San Diego River Bridge (12398.15), $29.5 million for South Bay Bus Rapid Transit (12805.04), and $10.4 million for the Inland Rail Trail (1223023). The primary lag in expenditures is attributable to a certain extent to a longer than anticipated process for Federal Transit Administration approval of the Full Funding Grant Agreement (FFGA) for the Mid-Coast project, which is now under construction.

Primary reasons for being $111 million under budget include: delays within the fiscal year for securing the Mid-Coast FFGA (12570.01), waiting for the results of a cap-and-trade funding for the Los Angeles–San Diego–San Luis Obispo (LOSSAN) corridor (12398.15 and others), and delays in the construction phase on Interstate 805 (I-805) (12805.04) which pushed large dollar expenditures into FY 2017.

The amended budget for direct oversight by Caltrans was $254.6 million, of which $195.9 million was expended. The difference in budget versus expenditures primarily is attributable to a slight delay in the completion of the final design package for the initial phase of the North Coast Corridor Program.

The Capital Program annual budgets also include project contingency. The contingency reserve for the Capital Program as of June 30, 2016, was approximately $194.3 million. This represents approximately 8 percent of SANDAG’s portion of the remaining budget for FY 2017-FY 2025 of the Capital Program.

**FY 2016 Administrative Services Revenue and Expenditure Performance**

Administrative Services had an approved budget of $12.6 million for FY 2016, of which $10.9 million was spent. The majority of the $1.7 million difference between the budget and actual expenses was due to savings or deferral of professional services, additional allocations of administrative costs to projects, and postponed or delayed purchase of equipment. The $125,000 Administrative contingency also was unused in FY 2016.

**Summary of SANDAG Staffing Costs**

Agency salaries and benefits were budgeted at $39.2 million in FY 2016, of which $36.3 million, or 93 percent, was incurred. The unspent amount of $2.8 million, or 7 percent, resulted from salary savings and vacancies of $2 million, and associated employee benefits savings of $0.8 million. An estimated $315,000 of agency salary savings was used to hire temporary services to fill staffing needs due to leaves of absence, turnover, and during position recruitments.
FY 2016 Accomplishments

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<th>FY 2016 ACCOMPLISHMENTS BY AREA OF EMPHASIS</th>
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I. Overall Work Program

- **Modeling, Research, Estimates, and Forecasts**
  - Completed work on the On-Board Transit Passenger Survey and started planning efforts for the decennial Household Travel Behavior Survey, which will be implemented in FY 2017 (23011.00).
  - Conducted several Census workshops to inform interested parties about how to make use of the Census Bureau's data products (23014.00).
  - Compiled and reported on regional crime statistics and trends (23400.00).
  - Provided ongoing quality control, data maintenance, and enhancements to the SANDAG modeling suite and enhancements to the geographic information systems (GIS) parcel-based land inventory system (23000.00, 23006.00).
  - Developed the first phase of a new activity-based transportation modeling platform (ActivitySim) in coordination with four other Metropolitan Planning Organizations and the Association of Metropolitan Planning Organizations (23000.00).
  - Completed Pricing and Travel Time Reliability Enhancements for the SANDAG Activity-Based Model with research funds from Strategic Highway Research Program 2. This project focused on enhancements related to the model’s ability to accurately represent demand on current and future toll and high-occupancy toll lanes (23000.00).
  - Updated the SANDAG activity-based model to more accurately reflect travel to and from the region’s military installations. This work followed from collaboration between SANDAG and the Department of Defense to conduct traffic counts and monitoring at each installation in FY 2015 (23000.00).
  - Developed the next generation of population and economic forecasting tools to support the Series 14 regional growth forecast and related programs (23004.00).
  - Developed, produced, and published the January 1, 2015, demographic and housing estimates to Data Surfer (23005.00).
  - Completed the development of key components of the SPACECORE project to enhance the parcel-based Land Inventory System (LIS). The final database schema, which includes zoning and floor space information, GIS editing and Quality Assurance/Quality Control tools, and the expansion of the LIS into Northern Baja California were key accomplishments in FY 2016 (23006.00).
  - Updated the SANDAG transportation modeling network to accurately reflect traffic signal phasing, intersection design, and detailed lane configuration (23015.00).
• Continued the ongoing evaluation of San Diego County’s implementation of Assembly Bill 109 (Committee on Budget, 2011) regarding public safety realignment, documenting its impacts on the region (23462.00).

• Completed nearly 70 projects through the SANDAG Service Bureau, providing customized data and analysis to public and private entities to help inform decision-making (75000.00).

**Sustainable Development: Planning and Strategies**

• Continued to administer the TransNet Smart Growth Incentive, Active Transportation, Senior Services, and Environmental Mitigation grant programs, which provide resources and incentives to member agencies, transit operators, and other organizations (33001.00, 33201.00, and 32001.00).

• Completed work on San Diego Forward: The Regional Plan, including the final Environmental Impact Report and air quality conformity determination as well as extensive public outreach activities (31020.00).

• Continued implementation of the 2050 Regional Transportation Plan and its Sustainable Communities Strategy, including advanced planning for the new light rail segments and advancing Active Transportation implementation, the Regional Bike Plan Early Action Program, Active Transportation education programs, and Safe Routes to Transit (33002.00, 33007.00, and 33210.00).

• Responded to direction from the Board of Directors to refine funding priorities and develop an ordinance and expenditure plan for the Measure A ballot initiative in 2016 (32000.00).

• Continued award-winning efforts on habitat conservation, energy and climate planning, as well as collaborative efforts with member agencies to produce energy efficiency upgrades (32001.00, 32003.00, 32007.00, and 32010.00).

• Performed preliminary outreach and developed prototype locations as part of the development of the San Diego County and Imperial Valley Regional Mobility Hub Implementation Strategy (33308.00).

**Sustainable Mobility Programs and Services**

• Initiated work on new grant-funded projects, including an analysis of methods for Understanding Regional Truck Flows, Implementation of the Regional Electric Vehicle Plan to assist in the provision of technical resources for implementing electric vehicle infrastructure, and a Regional Transit Signal Priority Study to identify the most cost-effective locations to implement transit signal priority technology on existing local bus routes (32010.00, 31021.00, and 33213.00).

• Advanced regional Transportation Demand Management (TDM) strategies that included targeted outreach to 150 of the largest employers in the region; the first regional vanpool marketing campaign resulting in an increase of 50 vanpools; supporting local jurisdictions with TDM planning and policy development; coordination of Rideshare Month and Bike to
Work Day promotional events and activities; and administering the GO by BIKE and the Walk, Ride and Roll to School Mini Grant programs. (33107.00 – 33107.11).

- **Internal and External Coordination**

  - Developed public outreach tools for SANDAG websites such as [SDforward.com](http://example.com), [icommutesd.com](http://example.com), and [priorities.sandag.org](http://example.com); developed/enhanced several of the SANDAG websites, including [511sd.com](http://example.com), [sdforward.com](http://example.com), [shiftsandiego.com](http://example.com), [RapidMTS.com](http://example.com), and [GObyBIKEsd.com](http://example.com) (73003.00).

  - Implemented public outreach and involvement activities to inform development of and refinements to the expenditure plan for the November ballot measure. Several outreach tools were used to engage and educate the public, including telephone town hall meetings, an online survey, videos, social media, presentations, emails, fliers, and a dedicated landing page at sandag.org/priorities (73001.00).

  - Launched an interactive online TransNet story map ([KeepSanDiegoMoving.com/TransNet](http://example.com)), which highlights how $3.3 billion in TransNet funds helped leverage more than $10 billion from other funding sources to complete more than 650 projects over the last quarter century. The story map won the Grand Showcase award in the San Diego Geography Showcase category at the 2016 Esri user conference (73000.00, 73003.00, and 23007.00).

  - Organized grand opening events to celebrate completion of Segment 1 of SR 11 and the I-805 North Direct Access Ramp and High Occupancy Vehicle lanes between Mira Mesa and SR 52, and a community event to commemorate completion of the $660 million Trolley Renewal project; held press conference for environmental mitigation acquisition of Lakeside Downs; and hosted groundbreaking events for the SR 15 Mid-City Centerline Stations Project and SR 15 Commuter Bikeway (73001.00).

  - Programmed enhancements to the Integrated Master Budget Model reporting functions to streamline annual budget document development processes and multi-year project reports (73003.00).

**II. Regional Operations**

- Continued operations of the SR 125 Toll Road, where the number of trips was 6 percent higher than the forecast budget, and actual revenue exceeded forecast revenue by 3 percent. Other accomplishments include providing effective cost control to meet debt obligations, contributing funds to the reserve accounts to cover planned maintenance and tolling equipment upgrades, and implementing plans for a centralized tolling system (33121.00).

- Continued operations of the I-15 Express Lanes, where the number of trips was 3 percent higher than the forecast budget, and actual revenue exceeded forecast revenue by 4 percent. Completed Phase I of the I-15 Express Lanes education and awareness campaign highlighting how carpool, vanpool, Rapid services, and FasTrak® users can use the facility (33103.00);
completed the third full year of operations for the Motorist Aid – Call Box Program (33122.00); and continued the expanded midday and weekend pilot service of the FSP, with total assists for the year exceeding 80,000 (33102.00).

- Continued operation of the I-15 Integrated Corridor Management System, which transitioned from a federal pilot project to an ongoing operation, and completed installation of roadside signs to guide motorists to alternative routes and thus avoid delays resulting from major incidents (33110.00).

- Deployed additional Automated Regional Justice Information System (ARJIS) enhancements to the reporting system to provide real-time data updates; enhanced GIS services, including the regional crime mapping dashboard; and expanded the use of the Graffiti Tracking Program (73503.00, 73516.00, and 73519.00).

- Launched the Regional ARJIS Training Program to provide standardized, consistent, relevant training on a variety of systems and databases (73521.00).

- Enhanced regional law enforcement information sharing through the development of new interfaces for partner agency justice systems including the Law Enforcement Coordination Center, which serves as the San Diego County Regional Threat Assessment Center (73503.00).

### III. Capital Program

- Preliminary construction of the Mid-Coast Trolley Extension Project began in FY 2016, particularly the efforts to relocate overhead and underground utilities to make way for construction of the Trolley tracks and the guideway on the aerial portion of the route. Also negotiated a $927.5 million Guaranteed Maximum Price agreement with Mid-Coast Transit Constructors (12570.01).

- In June 2016 the Board of Directors unanimously approved the preferred site for the proposed Downtown Multiuse and Bus Stopover Facility. In conjunction with the stopover, the facility is being planned to provide for office space, and potentially for residential, retail, and other uses as part of a mixed-use and transit-oriented development project (12015.14).

- The Oceanside Station Pass-Through Track Project began construction in March 2016. Planned improvements include adding a third track and platform south of the existing platform. Operations are planned to begin in July 2017 (12398.03).

- A new, four-lane highway on State Route 11 (SR 11), from SR 125 to Enrico Fermi Drive, opened to the public in early 2016, which provides a more direct access route to the state highway system from the California Highway Patrol Truck Inspection Facility near the Otay Mesa Port of Entry (12011.01).

- The early work package for the North Coast Corridor Interstate 5 (I-5) Express Lanes Project advertised for construction in winter 2016. The overall project will construct one carpool lane in each direction on I-5, from Lomas Santa Fe in Solana Beach to State Route 78, as well as coordinate construction of double tracking along the rail corridor (12005.04).
• The I-5/Interstate 8 (I-8) West to North Connector Improvements Project was completed, widening the connector and adding a new northbound lane (12005.05).

• Major construction activities continue on the I-5/Genesee Avenue Interchange Project. When complete, the project will widen freeway access ramps, add an auxiliary lane in the northbound direction on I-5 between Genesee Avenue and Roselle Street, and construct a new, separated bike/pedestrian path. This project is scheduled to open to the public in late 2017 (12005.06).

• Construction began on the Mid-City Centerline Stations Project. The project will build freeway-level Rapid transit stations along State Route 15 (SR 15) at El Cajon Boulevard and University Avenue. New transit-only lanes also will be constructed within the existing SR 15 median from just north of Interstate 805 (I-805) to just south of I-8. (12015.07).

• Transit Signal Priority installation was completed along Mira Mesa Boulevard and Clairemont Mesa Boulevard. This is the first phase of improvements along both corridors to allow Rapid vehicles to move through traffic more efficiently and maintain reliable schedules (12015.11, 12015.15).

• Completed construction of the Sorrento Valley Double Track Project, which added one mile of double track on the LOSSAN Rail Corridor to the north of Sorrento Valley Station to Control Point Torrey (1239807).

• Construction has begun on the South Bay Rapid Transit Project. When constructed, this project will include 12 stations along a 26-mile long corridor from the Otay Mesa border area, through Chula Vista, and along the I-805 and State Route 94 corridors, to Downtown San Diego (12805.04).

• Construction of improvements at the San Ysidro Freight Rail Yard were completed in FY 2016, replacing aging rail infrastructure to increase freight capacity and efficiency. The improvements will provide more opportunities for cargo transfer and eliminate some truck trips on freeways in the region (13006.02).

• In October 2015, construction began on three freeway-to-freeway connectors linking State Route 905 and SR 11 to northbound SR 125 (13905.04).

• Construction of the SR 15 Commuter Bikeway Project began in early 2016. The project will provide a direct bike route connecting the communities in the Mid-City area with Mission Valley, from Adams Avenue along a one-mile segment of northbound SR 15 to Camino Del Rio South (12230.14).

• The construction of Phase 1 of the Inland Rail Trail, a mile-long segment in the City of San Marcos, began in December 2015 and is anticipated to be completed in fall 2016 (12230.23).

• Final environmental documents were completed for North Park/Mid-City Landis and Georgia-Meade Bikeway projects (12230.78, 12230.82).

• Completed design for the Hill Street drainage improvements in El Cajon on the Mainline Drainage Project (11281.00).
• Working with our partners at Westfield, construction began on the UTC Transit Center Project. The transit center is located at the Westfield UTC shopping mall and is adjacent to the last stop on the future Mid-Coast Trolley Line (11432.00).

• Completed construction of 4.2 miles of double track on the LOSSAN Rail Corridor from Camp Pendleton San Onofre to Camp Pendleton Pulgas (11442.00).

• The Orange and Green Line Fiber Optic Cable Project was completed, resulting in the entire Trolley communications network being fiber based (11444.00).