Board of Directors

Agenda

Friday, December 21, 2018
9 a.m. to 12 noon
SANDAG Board Room
401 B Street, 7th Floor
San Diego

Agenda Highlights

- Regional Housing Needs Assessment Subcommittee
- Airport Connectivity Subcommittee
- SANDAG Regional Electric Vehicle Charging Program

Please silence all electronic devices during the meeting

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Message from the Clerk

In compliance with Government Code §54952.3, the Clerk hereby announces that the compensation for legislative body members attending the following simultaneous or serial meetings is: Executive Committee (EC) $100, Board of Directors (BOD) $150, and Regional Transportation Commission (RTC) $100. Compensation rates for the EC and BOD are set pursuant to the SANDAG Bylaws, and the compensation rate for the RTC is set pursuant to state law.

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.
Welcome to SANDAG. Members of the public may speak to the Board of Directors on any item at the time the Board is considering the item. Please complete a Request to Comment form located in the lobby. Members of the public may address the Board on any issue under the agenda item entitled Public Comments/Communications/Member Comments. Public speakers are limited to three minutes or less per person. The Board may take action on any item appearing on the agenda.

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Board of Directors
Friday, December 21, 2018

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1.</td>
<td>Approve</td>
</tr>
<tr>
<td>Approval of Meeting Minutes</td>
<td>The Board of Directors is asked to review and approve the minutes from its November 16, 2018, meeting.</td>
</tr>
</tbody>
</table>

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 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.

3. Executive Director’s Report (Hasan Ikhrata)
The Executive Director will provide an update on key programs, projects, and agency initiatives.

Consent

+4. Actions from Policy Advisory Committees, Including California Environmental Quality Act Exemption (Victoria Stackwick)
The Board of Directors is asked to ratify the actions of the Policy Advisory Committees, including a California Environmental Quality Act exemption for the Border to Bayshore Bikeway project.

+5. Approval of Professional Services Solicitation (Laura Coté)
The Board of Directors is asked to authorize the Executive Director to conduct a solicitation for iCommute services.

+6. FY 2018 Transportation Development Act Audit Extension Requests (Lisa Kondrat-Dauphin)
The Board of Directors is asked to approve Transportation Development Act audit extension requests for the cities of Chula Vista, Coronado, La Mesa, National City, and Solana Beach until March 27, 2019, as permitted by the California Public Utilities Code and the California Code of Regulations.
+7. **Executive Director Delegated Actions (André Douzdjian)*** Information
   
   In accordance with various SANDAG Board Policies, this report summarizes delegated actions taken by the Executive Director since the last Board Business meeting.

+8. **Meetings and Events Attended on Behalf of SANDAG (Victoria Stackwick)** Information
   
   Board members will provide brief reports orally or in writing on external meetings and events attended on behalf of SANDAG since the last Board Business meeting.

### Chair’s Reports

+9. **Regional Housing Needs Assessment Subcommittee** Approve
   
   The Board of Directors is asked to approve the membership list and charter for the Regional Housing Needs Assessment Subcommittee.

+10. **Airport Connectivity Subcommittee** Approve
   
   The Board of Directors is asked to approve:
   1. the membership list and charter for the Airport Connectivity Subcommittee; and
   2. the use of up to $1 million from the Contingency Reserve for Subcommittee-related expenses.

### Reports

+11. **Proposed FY 2019 Program Budget Amendment: Eastern Hillcrest Bikeways (Chris Kluth)** Approve
   
   The Transportation Committee recommends the Board of Directors approve an amendment to the FY 2019 Program Budget, accepting $2.2 million from the City of San Diego to fund the design and construction of the Normal Street Promenade as part of the Eastern Hillcrest Bikeways (Capital Improvement Program Project No. 1223083).

+12. **SANDAG Regional Electric Vehicle Charging Program** Information
    
    (Mayor Mary Salas, Regional Planning Committee Chair; Susan Freedman)

   Staff will present an update on development of the SANDAG Regional Electric Vehicle Charging Program.
13. **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.

14. **Upcoming Meetings**

The next Board Policy meeting is scheduled for Friday, January 11, 2019, at 10 a.m. The next Board Business meeting is scheduled for Friday, January 25, 2019, at 9 a.m.

15. **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
November 16, 2018, Board of Directors Meeting Minutes

Chair Terry Sinnott (Del Mar) called the meeting of the SANDAG Board of Directors to order at 9:01 a.m.

1. Approval of Meeting Minutes (Approve)

Action: Upon a motion by Vice Chair Steve Vaus (Poway), and a second by Council President Myrtle Cole (City of San Diego), the Board of Directors approved the minutes from its October 12, 2018, Board Policy meeting and October 26, 2018, Board Business meeting. Yes: Chair Sinnott, Vice Chair Vaus, Mayor Pro Tem Keith Blackburn (Carlsbad), Mayor Mary Salas (Chula Vista), Mayor Richard Bailey (Coronado), Mayor Bill Wells (El Cajon), Mayor Catherine Blakespear (Encinitas), Mayor Sam Abed (Escondido), Mayor Serge Dedina (Imperial Beach), Councilmember Kristine Alessio (La Mesa), Deputy Mayor Chuck Lowery (Oceanside), Councilmember Lorie Zapf (City of San Diego), Councilmember Krystal Jabara (San Marcos), Mayor John Minto (Santee), Mayor David Zito (Solana Beach), Mayor Judy Ritter (Vista), and Supervisor Bill Horn (County of San Diego). No: None. Abstain: None. Absent: Lemon Grove and National City.

2. Public Comments/Communications/Member Comments

Chair Sinnott recognized SANDAG staff for receiving awards from Women in Transportation (WTS) for three projects. The State Route 15 Mid-City Centerline Rapid Transit Stations project was chosen for the Alternative Modes & Active Transportation Award. The Regional Mobility Hub Strategy received the Technology for Transportation Award – exemplifying how innovation and technological growth have advanced transportation planning. The Oceanside Transit Center project won the Innovative Transportation Solutions Award.

Chair Sinnott also recognized several outstanding individuals who were recognized by WTS. San Diego Councilmember Georgette Gomez won the Rosa Parks Diversity Leadership Award, Caltrans State Director Laurie Berman was awarded Woman of the Year, and SANDAG transit planning intern Allison Woodworth, who serves as the WTS San Diego chapter’s volunteer coordinator, was recognized for her Outstanding Volunteerism.

Councilmember Zapf, Audit Committee Chair, provided an update on the recruitment for the Independent Performance Auditor.

Martha Welch, a member of the public, spoke regarding transportation funding in the region.

Dante Garcia, a member of the public, spoke regarding private property rights for homeowners.

Eric Lund, East County Chamber of Commerce, spoke regarding inclusion of road and highway repairs as a priority in the Regional Plan.

3. Actions from the Policy Advisory Committees (Approve)

This item summarized the actions taken by the Policy Advisory Committees since the last Board Business meeting. The Board of Directors was asked to ratify these actions.
Action: Upon a motion by Supervisor Horn, and a second by Mayor Wells, the Board of Directors approved Item No. 3. Yes: Chair Sinnott, Vice Chair Vaus, Mayor Pro Tem Blackburn, Mayor Salas, Mayor Bailey, Mayor Wells, Mayor Blakespear, Mayor Abed, Mayor Dedina, Councilmember Alessio, Deputy Mayor Lowery, Councilmember Zapf, Councilmember Jabara, Mayor Minto, Mayor Zito, Mayor Ritter, and Supervisor Horn. No: None. Abstain: None. Absent: Lemon Grove and National City.

Consent

4. Delegated Actions Taken by the Executive Director (Information)
In accordance with various SANDAG Board Policies, this report summarized certain delegated actions taken by the Executive Director since the last Board Business meeting.

5. Meetings and Events Attended on Behalf of SANDAG (Information)
Board members provided brief reports orally or in writing on external meetings and events attended on behalf of SANDAG since the last Board Business meeting.

This quarterly report provided an update on the financial markets, economy, and SANDAG investments and debt.

This quarterly report provided an update on major SANDAG and Caltrans projects and programs in the San Diego region.

Jennifer Hunt, San Diego County Bicycle Coalition, spoke regarding safety issues for bike riders at transit stations.

Action: Consent Items Nos. 4 through 7 were presented for information only.

Chair’s Reports

8. Election of 2019/2020 SANDAG Board Officers (Approve)
The Nominating Committee recommended that the Board of Directors approve the following slate of candidates for 2019/2020 Board Officer positions:

- Chair – Poway Mayor Steve Vaus
- Vice Chair – Encinitas Mayor Catherine Blakespear

Additional nominations for any officer position may be made by Board members at the meeting.

Mayor Ron Morrison (National City), Nominating Committee Chair, presented the item.

Clive Richard, a member of the public, spoke regarding his support for SANDAG leadership.

Action: Upon a motion by Mayor Minto, and a second by Mayor Bailey, the Board of Directors approved the slate of officers for the 2019/2020 Board of Directors. Yes: Chair Sinnott, Vice Chair Vaus, Mayor Pro Tem Blackburn, Mayor Salas, Mayor Bailey, Mayor Wells, Mayor Blakespear, Mayor Abed, Mayor Dedina, Councilmember Alessio, Mayor Racquel Vasquez (Lemon Grove), Mayor Morrison, Deputy Mayor Lowery, Councilmember Zapf, Councilmember Jabara, Mayor Minto, Mayor Zito, Mayor Ritter, and Supervisor Horn. No: None. Abstain: None. Absent: None.

9. Regional Housing Needs Assessment Steering Committee (Information)
Chair Sinnott provided an update on the Regional Housing Needs Assessment Steering Committee.

Action: This item was presented for information.
Reports

10. Buena Vista Lagoon Enhancement Project (Adopt)

The Board of Directors was asked to adopt Regional Transportation Commission (RTC) Resolution No. RTC-2018-02 regarding the Buena Vista Lagoon, approving the Saltwater Alternative as the project, certifying the Final Environmental Impact Report, and adopting the Findings, Statement of Overriding Considerations, and Mitigation Monitoring and Reporting Program.

Keith Greer, Principal Regional Planner, presented the item.

John Tenaglia, a member of the public, spoke in opposition to this item.

Jim Petronellia, a member of the public, spoke in opposition to this item.

Henry Eversole, a member of the public, spoke in opposition to this item.

RQ Shupe, a member of the public, spoke in opposition to this item.

Addie Firtel, a member of the public, spoke in opposition to this item.

Ed Pert, California Department of Fish and Wildlife, spoke in support of this item.

Paul Ingram, a member of the public, spoke in opposition to this item.

John Rouse, a member of the public, spoke in opposition to this item.

Paul Alanis, a member of the public, spoke in opposition to this item.

Gregory Stone, a member of the public, spoke in opposition to this item.

Jim Gates, a member of the public, spoke in opposition to this item.

Stephanie Fox, a member of the public, spoke in opposition to this item.

Barbara Metzler, a member of the public, spoke in opposition to this item.

Paul Keller, a member of the public, spoke in opposition to this item.

Kasey Cinciarelli, a member of the public, spoke in support of this item.

Michael Jones, a member of the public, spoke in opposition to this item.

Regg Antle, a member of the public, spoke in opposition to this item.

Chris Watson, a member of the public, spoke in opposition to this item.

Manuel Mancillas, a member of the public, spoke in opposition to this item.

Mendel Stewart, U.S. Fish and Wildlife Service, spoke in support of this item.

Natalie Shapiro, a member of the public, spoke in support of this item.

Cobe Haskell, a member of the public, spoke in support of this item.

Fred Sandquist, Batiquitos Lagoon Foundation, spoke in support of this item.

Dennis Huckabay, a member of the public, spoke in support of this item.

Daniel Muhe, a member of the public, spoke in opposition to this item.

Scott Sterling, a member of the public, spoke in opposition to this item.

Bob Schulz, a member of the public, spoke in opposition to this item.

John Reitnouer, a member of the public, spoke in opposition to this item.

Diane Nyguard, Preserve Calavera, spoke in support of this item.
**Action:** Upon a substitute motion by Mayor Salas, and a second by Mayor Minto, the Board of Directors approved a six-month extension in order to study the legal implications of the project. Yes: Mayor Pro Tem Blackburn, Mayor Salas, Mayor Bailey, Mayor Wells, Mayor Abed, Councilmember Zapf, Councilmember Jabara, and Mayor Minto. No: Chair Sinnott, Mayor Blakespear, Mayor Dedina, Councilmember Alessio, Mayor Vazquez, Mayor Morrison, Deputy Mayor Lowery, Mayor Zito, and Supervisor Horn. Abstain: None. Absent: Poway and Vista.


Charles “Muggs” Stoll, Director of Land Use and Transportation Planning, presented an overview of feedback that has been gathered on the network concepts circulated for review in October, including input on which components are most important for inclusion in San Diego Forward: The 2019-2050 Regional Plan.

Ana Reynoso, Environmental Health Coalition, spoke regarding increased investment in transit options and prioritizing environmental justice communities.

Jack Shu, Cleveland National Forest Foundation, spoke regarding increased investment in transit options and prioritizing environmental justice communities.

Gretchen Newsom, IBEW 569, spoke regarding increased investment in light rail and transit, and prioritizing environmental justice communities.

Sophie Wolfram, Climate Action Campaign, spoke regarding increased investment in light rail and transit, prioritizing environmental justice communities, and meeting greenhouse gas targets.

Eric Lund, East County Chamber of Commerce, spoke regarding prioritizing highway and road infrastructure improvements in the Regional Plan.

Jennifer Hunt, San Diego County Bicycle Coalition, spoke regarding increased investment in light rail and transit to support bike accessibility.

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

12. Continued Public Comments

There were no continued public comments.

13. Upcoming Meetings

The next Board Policy meeting is scheduled for Friday, December 7, 2018, at 10 a.m. The next Board Business meeting is scheduled for Friday, December 21, 2018, at 9 a.m. Please note, these meetings are scheduled for the first and third Fridays respectively, due to the holiday schedule.

14. Adjournment

Chair Sinnott adjourned the meeting at 12:04 p.m.
## Confirmed Attendance at SANDAG Board of Directors Meeting

November 16, 2018

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<th>Jurisdiction</th>
<th>Name</th>
<th>Attended Open Session</th>
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<td>City of Carlsbad</td>
<td>Keith Blackburn (1st Alt.)</td>
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<td>City of Chula Vista</td>
<td>Mary Salas (Primary)</td>
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<td>Richard Bailey (Primary)</td>
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<td>City of Del Mar</td>
<td>Terry Sinnott, Chair (Primary)</td>
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<td>City of El Cajon</td>
<td>Bill Wells (Primary)</td>
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<td>Catherine Blakespear (Primary)</td>
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<td>Sam Abed (Primary)</td>
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<td>Racquel Vasquez (Primary)</td>
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<td>Ron Morrison (Primary)</td>
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<td>Chuck Lowery (Primary)</td>
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<td>Mark Muir (Primary)</td>
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<td>Mexico</td>
<td>Marcela Celorio (Primary)</td>
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<tr>
<td>Southern California Tribal Chairmen’s Association</td>
<td>Cody Martinez (Primary)</td>
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Policy Advisory Committee Actions, Including California Environmental Quality Act Exemption

Overview
The following actions were taken by the Policy Advisory Committees since the last Board of Directors meeting.

Borders Committee: November 16, 2018
No actions.

Executive Committee: December 7, 2018
Approved draft agendas for the December 21, 2018, Board Business meeting, as amended; and the January 11, 2019, Board Policy meeting.

Regional Planning Committee: December 7, 2018
Approved a six-month extension for the San Diego Audubon Society’s Silverwood Sanctuary Project (Contract No. 5004951) under the TransNet Environmental Mitigation Program Land Management Grant Program.
Approved the release of the draft 2018 Regional Plan Performance Monitoring Report for public review.

Transportation Committee: December 14, 2018
Approved the California Environmental Quality Act exemption for the Border to Bayshore Bikeway project.
Approved an amendment to the FY 2019 Program Budget, transferring $270,892 from the completed Substation Standardization (Capital Improvement Program [CIP] Project No. 1142100) and Light Rail Vehicle Car Wash (CIP Project No. 1128600) projects to the Overhead Contact System Insulator and Catch Cable Replacement (CIP Project No. 1129200) project.
Approved an amendment to the FY 2019 Program Budget, accepting $369,440 from the City of Carlsbad to fund the Carlsbad Village Railroad Trench Study (CIP Project No. 1239819).
Recommended that the Board of Directors approve an amendment to the FY 2019 Program Budget, accepting $2.2 million from the City of San Diego to fund the design and construction of the Normal Street Promenade as part of the Eastern Hillcrest Bikeways (CIP Project No. 1223083).

Audit Committee: December 14, 2018 (Special Session)
No actions.

Public Safety Committee: December 14, 2018
Recommended that the Board of Directors include the proposed public safety-related goals in the 2019 Legislative Program.

Hasan Ikhrata, Executive Director
Key Staff Contact: Victoria Stackwick, (619) 699-6926, victoria.stackwick@sandag.org

Action Requested: Approve
The Board of Directors is asked to ratify the actions of the Policy Advisory Committees, including a California Environmental Quality Act exemption for the Border to Bayshore Bikeway project.
Approval of Professional Services Solicitation

Overview

Pursuant to Board direction, professional services solicitations valued at $5 million or more require approval by the Board of Directors.

SANDAG staff proposes to solicit services from qualified firms that can provide comprehensive consulting services to support outreach, education, and marketing for the iCommute program.

Key Considerations

iCommute is the SANDAG Transportation Demand Management (TDM) program. The goal of the iCommute program is to reduce traffic congestion and greenhouse gas emissions by encouraging the use of transportation alternatives to driving alone. iCommute helps to achieve this goal by offering programs and services including a subsidized vanpool program, incentives for taking transit and carpooling, bike education and support, and a Guaranteed Ride Home service. iCommute promotes these programs and services through employer outreach, marketing campaigns, and annual events like Bike to Work Day and Rideshare Week.

Services under the proposed solicitation will include staffing for employer outreach; TDM marketing support, including campaign management and implementation; and management of bike outreach and education services for employers and schools.

As required by federal provisions and SANDAG Board Policy No. 016: Procurement of Services, an independent cost estimate was prepared by SANDAG resulting in an estimated amount of $8 million over a five-year period. The SANDAG projects that are anticipated to utilize this contract are funded in the FY 2019 Program Budget through Overall Work Program Element Nos. 3310702: Transportation Demand Management – Employer Services, and 3310711: Transportation Demand Management – Outreach Program Project Implementation.

Factors that were considered in developing the estimate include historical use of consultants to provide these services and staff’s knowledge of future needs to support the iCommute program. Staff anticipates the award of a single contract as a result of the solicitation.

Next Steps

Upon approval by the Board of Directors, the solicitation would be conducted consistent with relevant Board policies. The contract resulting from the solicitation would return to the Board of Directors for approval.

Hasan Ikhrata, Executive Director

Key Staff Contact: Julie Wiley, (619) 699-6966, julie.wiley@sandag.org

Action Requested: Approve

The Board of Directors is asked to authorize the Executive Director to conduct a solicitation for iCommute services.

Fiscal Impact:

The independent cost estimate prepared for this solicitation resulted in an estimated amount of $8 million over a five-year period.

Schedule/Scope Impact:

The selected firm will provide consulting services from 2020 through 2024.
FY 2018 Transportation Development Act Audit Extension Requests

Overview
In accordance with California Public Utilities Code Section 99245, each Transportation Development Act (TDA) claimant must submit an audit within 180 days after the end of the fiscal year. SANDAG, acting as the Regional Transportation Planning Agency for the San Diego region, may grant up to a 90-day extension, moving the deadline from December 27, 2018, to no later than March 27, 2019. No further extensions are permitted.

Key Considerations
SANDAG has engaged an independent certified public accounting firm to perform the required FY 2018 TDA compliance audits. While every effort is being made to complete each audit prior to December 27, there are five cities that may not meet this deadline for various reasons.

The cities of Chula Vista, Coronado, and La Mesa require restatements to their FY 2017 TDA report which lengthens the audit process.

Audit fieldwork for the cities of Solana Beach and National City is complete; however, the final independent auditor draft audit review may not be concluded by the December 27 deadline. To ensure compliance, an extension is requested to allow sufficient time to complete the audit process.

Approval of the extension requests will allow these five cities to continue receiving allocated Transportation Development Act funds in FY 2019.

Next Steps
Upon approval, staff will notify the State Controller’s Office of the extensions.

Hasan Ikhrata, Executive Director

Key Staff Contact: Lisa Kondrat-Dauphin, (619) 699-1942, lisa.kondrat-dauphin@sandag.org
Attachments:
1. City of Chula Vista Extension Request
2. City of Coronado Extension Request
3. City of La Mesa Extension Request
4. City of National City Extension Request
5. City of Solana Beach Extension Request

Fiscal Impact:
Approval of the extension requests will allow these five cities to continue receiving allocated Transportation Development Act funds in FY 2019.

Schedule/Scope Impact:
Approval of the extension requests would provide 90 additional days to the cities of Chula Vista, Coronado, La Mesa, National City, and Solana Beach to submit their audited Transportation Development Act financial reports.

Action Requested: Approve
The Board of Directors is asked to approve Transportation Development Act audit extension requests for the cities of Chula Vista, Coronado, La Mesa, National City, and Solana Beach until March 27, 2019, as permitted by the California Public Utilities Code and the California Code of Regulations.
December 4, 2018

Andre Douzdjian
Director of Finance
SANDAG
401 B Street, Suite 800
San Diego, CA  92101

Dear Mr. Douzdjian,

Please accept this letter as a request for an extension to submit the TDA Financial Report for the City of Chula Vista for the fiscal year ended June 30, 2018.

The auditors at Crowe LLP are working with City Staff to complete the necessary review process, and the City believes the TDA Financial Report will be filed prior to December 31, 2018. However, our agency would like to take a conservative approach and file an extension until the March 31, 2019 deadline.

If you have questions or concerns, please contact Mike Sylvia at 619-409-3820 or via email at msylvia@chulavistaca.gov.

Thank you,

David Bilby
Director of Finance
December 4, 2018

André Douzdjian
Director of Finance
SANDAG
401 B Street, Suite 800
San Diego, CA 92101

Dear Mr. Douzdjian:

Please accept this letter as a request for an extension to submit the Transportation Development Act (TDA) Financial Report for the City of Coronado for the fiscal year ended June 30, 2018.

Beside the ongoing efforts of the auditors at Crowe LLP and City staff to complete the necessary review process, the delay is due to not completing required audit work-papers by Crowe LLP and the City.

Furthermore, we wanted to take the conservative approach and request an extension through March 31, 2019.

Please contact Emad Gewaily at 619-522-7306 or via email at egewaily@coronado.ca.us, if you have any questions.

Thank you for your consideration.

Sincerely,

James R. Krueger
Director of Administrative Services

cc: Crowe LLP
December 18, 2018

André Douzdjian  
Director of Finance  
SANDAG  
401 B Street, Suite 800  
San Diego, CA 92101

Dear Mr. Douzdjian,

Please accept this letter as a request for an extension to submit the TDA Financial Report for the City of La Mesa for the fiscal year ended June 30, 2018.

The auditors at Crowe LLP are working with City staff to complete the necessary review process. The City believes the TDA Financial Report will be filed prior to December 31, 2018; however, we would like to take the conservative approach and file an extension until the March 31, 2019 deadline.

If you have questions or concerns, please contact me at 619.667.1122 or via email at sbullock@ci.la-mesa.ca.us.

Sincerely,

Sarah Waller-Bullock  
Director of Finance
December 4, 2018

Andre Douzdjian  
Director of Finance  
SANDAG  
401 B Street  
San Diego, CA 92101

Dear Mr. Douzdjian:

Please accept this letter as a request for an extension to submit the TDA Financial Report for the City of National City for the fiscal year ended June 30, 2018.

The auditors at Crowe LLP are working with City staff to complete the necessary review process. The City believes the TDA Financial Report will be filed prior to December 31, 2018; however, we would like to take the conservatory approach and file an extension until the March 31, 2019, deadline.

If you have any questions or concerns, please contact Arnold Ocana at (619) 336-4342 or via email at aocana@nationalcityca.gov.

Sincerely,

Mark Roberts  
Director of Finance
December 4, 2018

André Douzdjian
Director of Finance
SANDAG
401 B Street, Suite 800
San Diego, CA 92101

Dear Mr. Douzdjian:

Please accept this letter as a request for an extension to submit the TDA Financial Report for the City of Solana Beach for the fiscal year ended June 30, 2018.

The auditors at Crowe, LLP are working to complete the necessary review process. The City believes the TDA Financial Report will be filed prior to December 31, 2018. However, the City would like to take the conservative approach and file an extension until the March 31, 2019 deadline.

Please contact me at 858-720-2463 or via email at mberkuti@cosb.org if you have any questions.

Sincerely,

Marie Marron Berkuti
Finance Manager
Executive Director Delegated Actions

Overview
Various Board Policies require the Executive Director to report certain actions to the Board of Directors on a monthly basis or upon taking specified actions.

Delegated Actions

**Investment Transactions:** Board Policy No. 003: Investment Policy, states that a monthly report of all investment transactions shall be submitted to the Board. Attachment 1 contains the reportable investment transactions for October 2018.

**Legal Matters:** Board Policy No. 008: Legal Matters, authorizes the Executive Director to take action on claims filed against SANDAG.

- On November 9, 2018, the Application for Leave to Present a Late Claim by Claimant Jessica Lu Zhou was denied by the Chief Deputy Executive Director. Claimant alleged personal injury damages arising from a bicycle accident allegedly caused by a pothole on Voigt Drive arising from the construction of the Mid-Coast Corridor Trolley Extension. Upon investigation of the Claim it was determined that no Mid-Coast construction had taken place at the incident location at the time of the accident.

- On November 30, 2018, the Claim of Dave Nunez was rejected by the Chief Deputy Executive Director. Mr. Nunez claimed $2,054.31 in damages to his vehicle after it was allegedly sprayed by flecks of cement caused by the construction of the Mid-Coast Corridor Trolley Extension on Genesee Avenue. Upon investigation of the Claim it was determined that no construction activities involving cement took place near the Claimant’s vehicle location when the vehicle damage was reportedly sustained.

Board Policy No. 008 also authorizes the Office of General Counsel or outside counsel to file documents and make appearances on behalf of SANDAG in court proceedings.

- On November 15, 2018, the law firm Bremer Whyte filed, on behalf of SANDAG, an Opposition to Motion for Relief from the Claims Filing Requirement and on November 30, 2018, appeared, on behalf of SANDAG, at a hearing on this motion in the matter of Jonathan Shpigelman v. City of San Diego et al. (Superior Court Case No. 37-2018-00027063).

- On November 16, 2018, Nossaman filed on behalf of SANDAG, a Notice of Entry of Order of Prejudgment Possession in the matter of SANDAG v. 8665 Villa La Jolla, Inc. (Superior Court Case No. 37-2017-00039831).


Action Requested: **Information**
In accordance with various SANDAG Board Policies, this report summarizes delegated actions taken by the Executive Director since the last Board Business meeting.

**Highlights:**
Seven securities were purchased in October with various maturity dates, for a total of $17.7 million, and are expected to yield a return of 2.75 percent.

Nineteen securities reached maturity in October for a total of $30.4 million, and one security was sold at $30 million, providing approximately $60.4 million of liquidity to SANDAG.
• On November 30, 2018, Nossaman filed on behalf of SANDAG, a Notice of Posting Jury Fees in the matter of SANDAG v. Costa Verde Hotel, LLC (Superior Court Case No. 37-2018-00030194).

• On December 6, 2018, Nossaman filed on behalf of SANDAG, a Notice of Continuance of Case Management Statement, in the matter of SANDAG v. Costa Verde Hotel, LLC (Superior Court Case No. 37-2018-00030194).

**Contract Relief:** Board Policy No. 024: Procurement and Contracting – Construction Policy, authorizes the Executive Director to grant relief from maintenance and responsibility for major construction projects (as permitted according to the contract) and requires all contract relief over $25,000 be reported to the Board.

• In a letter dated November 28, 2018, Pulice Construction, Inc., was granted Relief from Maintenance and Responsibility for the South Bay Bus Rapid Transit 1B Project – Effective October 25, 2018 (Capital Improvement Program [CIP] Project No. 1280504, Contract No. 5007005). The contract value was $17,891,757.24.

**Contract Acceptance:** Board Policy No. 024: Procurement and Contracting – Construction Policy, Section 5.2, authorizes the Executive Director to accept contracts on behalf of the Board and requires all contract acceptances over $25,000 be reported to the Board.

• In a letter dated November 27, 2018, MTM Builders, Inc., was granted Acceptance and Full Relief from Maintenance for the Bayshore Bikeway Segments 4B & 5 Project – Effective August 20, 2018 (CIP Project No. 1143700, Contract No. 5007015). The contract value was $1,972,396.59.

**Competitive Grant Programs:** Board Policy No. 035: Competitive Grant Program Procedures, authorizes the Executive Director to approve requests for project schedule extensions of up to six months. The following Environmental Mitigation Program grant was granted a six-month extension.

<table>
<thead>
<tr>
<th>Contract</th>
<th>Grantee</th>
<th>Project</th>
<th>Extension (in months)</th>
<th>From</th>
<th>To</th>
<th>Amendment Execution</th>
</tr>
</thead>
<tbody>
<tr>
<td>5004736</td>
<td>U.S. Fish and Wildlife Service</td>
<td>San Diego National Wildlife Refuge: Mother Miguel Mountain</td>
<td>6</td>
<td>12/1/18</td>
<td>6/1/19</td>
<td>11/30/18</td>
</tr>
</tbody>
</table>

**Hasan Ikhrata, Executive Director**

Key Staff Contact: André Douzdjian, (619) 699-6931, andre.douzdjian@sandag.org

Attachment: 1. October 2018 Investment Securities Transactions Activity
MONTHLY ACTIVITY FOR INVESTMENT SECURITIES TRANSACTIONS FOR OCTOBER 1 THROUGH OCTOBER 31, 2018

<table>
<thead>
<tr>
<th>Transaction Date</th>
<th>Maturity Date</th>
<th>Security</th>
<th>Par Value</th>
<th>Original Cost</th>
<th>Yield to Maturity at Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BOUGHT</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10/15/2018</td>
<td>04/01/2019</td>
<td>JP MORGAN SECURITIES LLC COMM PAPER $850,000.00</td>
<td>$893,567.67</td>
<td>2.66%</td>
<td></td>
</tr>
<tr>
<td>10/15/2018</td>
<td>04/15/2019</td>
<td>BANK OF MONTREAL CHICAGO COMM PAPER $850,000.00</td>
<td>$838,767.06</td>
<td>2.65%</td>
<td></td>
</tr>
<tr>
<td>10/15/2018</td>
<td>04/15/2019</td>
<td>CREDIT AGRICOLE CIB NY COMM PAPER $850,000.00</td>
<td>$838,784.25</td>
<td>2.64%</td>
<td></td>
</tr>
<tr>
<td>10/15/2018</td>
<td>04/15/2019</td>
<td>MUFG BANK LTD/NY COMM PAPER $850,000.00</td>
<td>$838,827.22</td>
<td>2.63%</td>
<td></td>
</tr>
<tr>
<td>10/22/2018</td>
<td>11/15/2019</td>
<td>FEDERAL HOME LOAN BANK $4,600,000.00</td>
<td>$4,533,852.00</td>
<td>2.76%</td>
<td></td>
</tr>
<tr>
<td>10/22/2018</td>
<td>01/17/2020</td>
<td>FREDDIE MAC $5,000,000.00</td>
<td>$4,921,800.00</td>
<td>2.80%</td>
<td></td>
</tr>
<tr>
<td>10/29/2018</td>
<td>03/13/2020</td>
<td>FEDERAL HOME LOAN BANK $5,000,000.00</td>
<td>$4,956,225.00</td>
<td>2.78%</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL BOUGHT:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>$18,000,000.00</td>
<td>$17,767,823.20</td>
<td>2.75%</td>
</tr>
<tr>
<td><strong>MATURED</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10/01/2018</td>
<td>10/01/2018</td>
<td>FNMA $14,220.39</td>
<td>$14,362.59</td>
<td>1.05%</td>
<td></td>
</tr>
<tr>
<td>10/01/2018</td>
<td>10/01/2018</td>
<td>FNMA 80.49</td>
<td>81.29</td>
<td>1.20%</td>
<td></td>
</tr>
<tr>
<td>10/15/2018</td>
<td>10/15/2018</td>
<td>FANNIE MAE 155,042.74</td>
<td>156,595.32</td>
<td>1.08%</td>
<td></td>
</tr>
<tr>
<td>10/15/2018</td>
<td>10/15/2018</td>
<td>ALLY ABS 46,991.98</td>
<td>46,987.87</td>
<td>1.70%</td>
<td></td>
</tr>
<tr>
<td>10/15/2018</td>
<td>10/15/2018</td>
<td>TOYOTA ABS 34,647.70</td>
<td>34,646.77</td>
<td>1.14%</td>
<td></td>
</tr>
<tr>
<td>10/15/2018</td>
<td>10/15/2018</td>
<td>TOYOTA ABS 69,984.65</td>
<td>69,980.68</td>
<td>1.25%</td>
<td></td>
</tr>
<tr>
<td>10/15/2018</td>
<td>10/15/2018</td>
<td>HYUNDAI ABS 73,746.24</td>
<td>73,736.31</td>
<td>1.30%</td>
<td></td>
</tr>
<tr>
<td>10/15/2018</td>
<td>10/15/2018</td>
<td>HYUNDAI ABS 45,207.78</td>
<td>45,199.01</td>
<td>1.57%</td>
<td></td>
</tr>
<tr>
<td>10/15/2018</td>
<td>10/15/2018</td>
<td>NISSAN ABS 24,359.88</td>
<td>24,356.10</td>
<td>1.33%</td>
<td></td>
</tr>
<tr>
<td>10/15/2018</td>
<td>10/15/2018</td>
<td>JP MORGAN SECURITIES LLC COMM PAPER $850,000.00</td>
<td>839,572.39</td>
<td>2.47%</td>
<td></td>
</tr>
<tr>
<td>10/16/2018</td>
<td>10/16/2018</td>
<td>BNP PARIBAS NY BRANCH COMM PAPER $850,000.00</td>
<td>839,786.07</td>
<td>2.42%</td>
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</tr>
<tr>
<td>10/17/2018</td>
<td>10/17/2018</td>
<td>CREDIT AGRICOLE CIB NY COMM PAPER $850,000.00</td>
<td>839,871.54</td>
<td>2.40%</td>
<td></td>
</tr>
<tr>
<td>10/18/2018</td>
<td>10/18/2018</td>
<td>BNP PARIBAS NY BRANCH COMM PAPER $10,000,000.00</td>
<td>9,878,508.33</td>
<td>2.42%</td>
<td></td>
</tr>
<tr>
<td>10/18/2018</td>
<td>10/18/2018</td>
<td>MUFG BANK LTD/NY COMM PAPER $850,000.00</td>
<td>839,444.18</td>
<td>2.50%</td>
<td></td>
</tr>
<tr>
<td>10/19/2018</td>
<td>10/19/2018</td>
<td>FNMA 9,500,000.00</td>
<td>9,491,450.00</td>
<td>2.04%</td>
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</tr>
<tr>
<td>10/19/2018</td>
<td>10/19/2018</td>
<td>FNMA BENCHMARK NOTE $500,000.00</td>
<td>503,585.00</td>
<td>0.81%</td>
<td></td>
</tr>
<tr>
<td>10/19/2018</td>
<td>10/19/2018</td>
<td>FNMA BENCHMARK NOTE $1,500,000.00</td>
<td>1,510,755.00</td>
<td>0.81%</td>
<td></td>
</tr>
<tr>
<td>10/21/2018</td>
<td>10/21/2018</td>
<td>HONDA ABS 27,136.23</td>
<td>27,134.62</td>
<td>1.72%</td>
<td></td>
</tr>
<tr>
<td>10/30/2018</td>
<td>10/30/2018</td>
<td>FEDERAL HOME LOAN BANK $5,000,000.00</td>
<td>4,994,550.00</td>
<td>1.16%</td>
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</tr>
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<td><strong>TOTAL MATURED:</strong></td>
<td></td>
<td></td>
<td>$30,391,418.08</td>
<td>$30,230,603.07</td>
<td>1.97%</td>
</tr>
<tr>
<td><strong>SOLD</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10/10/2018</td>
<td>12/26/2018</td>
<td>FED HOME LN DISCOUNT NT $30,000,000.00</td>
<td>$29,836,875.00</td>
<td>2.19%</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL SOLD:</strong></td>
<td></td>
<td></td>
<td>$30,000,000.00</td>
<td>$29,836,875.00</td>
<td>2.19%</td>
</tr>
</tbody>
</table>

1 Proceeds from this sale were used for liquidity needs and generated a gain on original cost.
Meetings and Events Attended on Behalf of SANDAG

Board members participated in the following meetings and events on behalf of SANDAG. Key topics of discussion also are summarized.

**SANDAG Regional Plan Community Conversations**

Board members participated in the following outreach events to receive input from the public to inform the Regional Plan update. The following presentations were provided by Board Members as the SANDAG representatives.

- **October 15, 2018**
  Mayor Mary Salas and Mayor Richard Bailey

- **October 17, 2018**
  Council President Myrtle Cole and Mayor Ron Morrison

- **October 18, 2018**
  Mayor Bill Wells and Councilmember Kristine Alessio

- **October 23, 2018**
  Mayor David Zito and Mayor Catherine Blakespear

- **October 25, 2018**
  Vice Chair Steve Vaus and Mayor Sam Abed

- **October 27, 2018**
  Chair Terry Sinnott and Councilmember Georgette Gomez

**October 16, 2018 SANDAG Regional Plan Network Scenario Concepts Open House**

Councilmember Kristine Alessio participated in an open house where community members learned about initial network concepts through a self-guided tour of information stations.

**November 2, 2018 Build North Coast Corridor Groundbreaking Event**

Chair Sinnott, Mayor Blakespear, and Mayor Matt Hall attended the Build North Coast Corridor (Build NCC) groundbreaking event as the SANDAG representatives. SANDAG and Caltrans celebrated the start of construction on the extension of carpool lanes through the cities of Encinitas and Carlsbad. Construction is expected to be complete by late 2021. Attendees were able to view project displays highlighting the upcoming Build NCC highway improvements.

**SANDAG Update and Year in Review Presentations**

Presentations are being scheduled with each SANDAG member jurisdiction to present current and future SANDAG initiatives and objectives. The following presentations were provided by the Board Chair as the SANDAG representative.

- **November 20, 2018**
  City of Chula Vista
November 28, 2018 Los Angeles-San Diego-San Luis Obispo Rail Corridor Agency Board meeting
Los Angeles, CA

Councilmember Ellie Haviland, SANDAG Alternate to the Los Angeles-San Diego-San Luis Obispo (LOSSAN) Rail Corridor Agency Board, attended the LOSSAN Board meeting as the SANDAG representative. She participated in discussions related to a marketing contract and recent service changes. The LOSSAN Board also approved a contract to move forward with the corridor-wide optimization study.

Hasan Ikhrata, Executive Director

Key Staff Contact: Victoria Stackwick, (619) 699-6926, victoria.stackwick@sandag.org
Regional Housing Needs Assessment Subcommittee

Overview

On September 14, 2018, the Board of Directors discussed the role of the Board, its committees and working groups, and the general public in the preparation of the Regional Housing Needs Assessment (RHNA) Plan. Board members requested the formation of a RHNA Subcommittee, consisting of Board Members, to allow for additional opportunities to provide input and guidance during the development of the RHNA Plan.

Attachment 1 is a draft membership list for the RHNA Subcommittee and Attachment 2 is a draft charter.

Key Considerations

The RHNA Subcommittee is intended to review and provide input and guidance on potential policy and technical options for developing the RHNA methodology for allocation of housing units to each jurisdiction in the RHNA Plan. To prepare its recommendation to the Board of Directors, the RHNA Subcommittee will explore options for how best to build consensus around a methodology that achieves the goals of the Board and meets State law; and how to incentivize jurisdictions to implement the RHNA Plan.

The membership of the RHNA Subcommittee will include members of the SANDAG Board of Directors and will be chaired by the Vice Chair of the SANDAG Board. The membership is intended to include representatives from each SANDAG subregion and jurisdictions of various sizes.

The RHNA Subcommittee will meet as needed to achieve its responsibilities and will conclude upon the Board of Directors’ adoption of the RHNA Plan and any related incentives.

Next Steps

The RHNA Subcommittee is expected to meet within the next month to begin work on development of the RHNA Plan. Pending the appointment of member agency representatives to the Board, the SANDAG Chair will designate the members of the RHNA Subcommittee.

Hasan Ikhrata, Executive Director

Key Staff Contact: Seth Litchney, (619) 699-1943, seth.litchney@sandag.org

Attachments: 1. Draft RHNA Subcommittee Membership List
2. Draft RHNA Subcommittee Charter

Action Requested: Approve

The Board of Directors is asked to approve the membership list and charter for the Regional Housing Needs Assessment Subcommittee.

Fiscal Impact:

Work on the RHNA Plan is funded in the FY 2019 Program Budget through Overall Work Element Project No. 3102000.

Schedule/Scope Impact:

The RHNA Subcommittee is expected to meet within the next month to begin its work on the RHNA Plan. Adoption of the RHNA Plan is scheduled for October 2019.
Regional Housing Needs Assessment Subcommittee

Membership

The Regional Housing Needs Assessment (RHNA) Subcommittee will review and provide input and guidance on potential policy and technical options for developing the RHNA methodology for allocation of housing units to each jurisdiction in the RHNA Plan. To develop its recommendation to the Board of Directors, the RHNA Subcommittee will explore options for how best to build consensus around a methodology that best achieves the goals of the Board and meets State law; and how to incentivize jurisdictions to implement the RHNA Plan.

The Chair of the RHNA Subcommittee shall be the Vice Chair of the SANDAG Board. The remaining membership of the Subcommittee will be appointed by the Chair of the SANDAG Board of Directors and will include Board members from the following subregions.

East County

South County

North County Coastal

North County Inland

County of San Diego

City of San Diego

Staff Contact: Seth Litchney, (619)-699-1943, seth.litchney@sandag.org
SUBCOMMITTEE CHARTER
Regional Housing Needs Assessment Subcommittee

PURPOSE
The purpose of the Regional Housing Needs Assessment (RHNA) Subcommittee is to provide input and guidance to the Board of Directors regarding the RHNA Plan.

LINE OF REPORTING
The RHNA Subcommittee is a subcommittee of the SANDAG Board of Directors and will act in an advisory capacity to the SANDAG Board. The Subcommittee has no decision-making authority.

The SANDAG Board will make all preliminary and final decisions on the RHNA Plan.

RESPONSIBILITIES
The RHNA Subcommittee will review and provide input and guidance on potential policy and technical options for developing the RHNA methodology for allocation of housing units to each jurisdiction in the RHNA Plan. To develop its recommendation to the Board of Directors, the RHNA Subcommittee will explore options for how best to build consensus around a methodology that best achieves the goals of the Board and meets State law, and how to incentivize jurisdictions to implement the RHNA Plan.

MEMBERSHIP
The membership of the RHNA Subcommittee will be appointed by the Chair of the SANDAG Board of Directors and will include Board members from each SANDAG subregion to reflect the diversity of geography, jurisdiction size, and other attributes of member jurisdictions.

MEETING TIME AND LOCATION
The RHNA Subcommittee will meet at SANDAG as frequently as needed to achieve its responsibilities as determined by the RHNA Subcommittee Chair.

SELECTION OF THE CHAIR
The Chair of the RHNA Subcommittee shall be the Vice Chair of the SANDAG Board. The Subcommittee Chair may appoint a Vice Chair as needed to help manage the group’s workload and responsibilities.

DURATION OF EXISTENCE
The work of the RHNA Subcommittee will conclude upon adoption of the RHNA Plan and any related incentives by the Board of Directors.
Airport Connectivity Subcommittee

Overview

On December 7, 2018, the Board of Directors approved the creation of the Airport Connectivity Subcommittee, a temporary subcommittee to identify future transportation solutions for improved connectivity to the San Diego International Airport.

Attachment 1 is the draft Airport Connectivity Subcommittee charter and Attachment 2 is the proposed membership list.

Key Considerations

The purpose of the Airport Connectivity Subcommittee is to lead discussions and explore options for how best to build consensus around transportation solutions for improved connectivity to the Airport for generations to come.

To help identify potential solutions, the Subcommittee will evaluate previous planning efforts and SANDAG will release a Request for Information (RFI) to solicit innovative ideas from external entities that may contribute to improving connectivity to the airport. The proposed reserve funds would be used to support the Subcommittee efforts, consultant services, and to support the RFI and any responsive proposals the Subcommittee chooses to investigate and/or develop.

Due to the unanticipated need to conduct the work of this Subcommittee, necessary funds for this effort were not included in the FY 2019 Program Budget. Board Policy No. 030: Contingency Reserve Policy, permits the Board of Directors to approve use of contingency reserve funds to advance urgent, high-priority needs of the agency. Pending approval of the recommended award, up to $1 million of contingency reserve funds would be used for this purpose. The projected remaining balance for the Contingency Reserve Fund at year end would be $5.8 million. This projected balance represents 13 percent of the FY 2019 Overall Work Program budget, exceeding the 10 percent minimum requirement as set forth in Board Policy No. 30.

Next Steps

The Airport Connectivity Subcommittee will meet within the next month. Pending the appointment of member agency representatives to the Board, the SANDAG Chair will designate the members of the Airport Connectivity Subcommittee. A focus of the first meeting will be to align timelines for agency planning and project efforts underway, review a compilation of ideas that have been assembled in the past along with newer concepts, and discuss agency roles and responsibilities.

Hasan Ikhrata, Executive Director

Key Staff Contact: Coleen Clementson (619) 699-1944, coleen.clementson@sandag.org
Attachments: 1. Draft Airport Connectivity Subcommittee Charter
2. Draft Airport Connectivity Subcommittee Membership List

Action Requested: Approve

The Board of Directors is asked to approve:
1. the membership list and charter for the Airport Connectivity Subcommittee; and
2. the use of up to $1 million from the Contingency Reserve for Subcommittee-related expenses.

Fiscal Impact:
It is estimated that up to $1 million will be needed to support work efforts related to the Airport Connectivity Subcommittee over the next 6 months. SANDAG submitted a Caltrans planning grant application to help fund related efforts in FY 2020.

Schedule/Scope Impact:
The Airport Subcommittee is expected to meet within the next month to begin its work.
Airport Connectivity Subcommittee

PURPOSE
The purpose of the Airport Connectivity Subcommittee is to lead discussions and identify transportation solutions to improve connectivity to the San Diego International Airport (Airport).

LINE OF REPORTING
The Airport Connectivity Subcommittee is a subcommittee of the SANDAG Board of Directors and will act in an advisory capacity to the SANDAG Board. The Airport Connectivity Subcommittee has no decision-making authority. The SANDAG Board will make all preliminary and final decisions on transportation solutions to improve connectivity to the Airport.

RESPONSIBILITIES
The Airport Connectivity Subcommittee will review and provide input and guidance on potential transportation solutions. To develop its recommendation to the Board of Directors, the Airport Connectivity Subcommittee will explore options for how best to build consensus around transportation solutions that best meet the needs of the region for generations to come.

MEMBERSHIP
The membership of the Airport Connectivity Subcommittee will include Board members from primary stakeholder jurisdictions and agencies with interests in improving ground access to the Airport.

MEETING TIME AND LOCATION
The Airport Connectivity Subcommittee will meet at SANDAG as frequently as needed to achieve its responsibilities as determined by the Subcommittee Chair.

SELECTION OF THE CHAIR
The Chair of the SANDAG Board shall serve as the Chair of the Airport Connectivity Subcommittee. The Subcommittee may appoint a Vice Chair as needed to help manage the group’s workload and responsibilities.

DURATION OF EXISTENCE
The work of the Airport Connectivity Subcommittee will conclude upon adoption of a preferred transportation solution by the Board of Directors.
Airport Connectivity Subcommittee

Membership

The Airport Connectivity Subcommittee will lead discussions and identify transportation solutions to improve connectivity to the San Diego International Airport.

The Chair of the SANDAG Board shall serve as the Chair of the Airport Connectivity Subcommittee. The membership of the Subcommittee will be appointed by the Chair and will include Board members from the following:

SANDAG

City of San Diego

County of San Diego

Metropolitan Transit System Board

North County Transit District

San Diego Unified Port District

San Diego County Regional Airport Authority

California Department of Transportation

Department of Defense

Staff Contact: Coleen Clementson, (619)-699-1944, coleen.clementson@sandag.org
Proposed FY 2019 Program Budget Amendment: Eastern Hillcrest Bikeways

Overview

The Eastern Hillcrest Bikeways is part of the Uptown Bikeways approved by the Board of Directors as part of the Regional Bike Plan Early Action Program (Bike EAP) in 2013. The 1.1-mile project runs mainly along University Avenue and Normal Street in the City of San Diego, connecting to other regional and local bikeways in the Hillcrest and North Park communities (Attachment 2).

In 2016, the Hillcrest Business Association, Uptown Planners, and KTU+A developed a design for the Normal Street Promenade—a community-led project that proposes a pedestrian promenade along the west side of Normal Street between University Avenue and Washington Street.

Key Considerations

The City of San Diego has asked that SANDAG incorporate the design and construction of the Normal Street Promenade into the Eastern Hillcrest Bikeways Project and approved the transfer of $2.2 million to SANDAG for these purposes at its meeting on December 11, 2018.

Design on the Eastern Hillcrest Bikeways is nearing completion; however, in order to complete design, a decision must be made on whether to include the Normal Street Promenade as part of final design and construction.

Including the Normal Street Promenade would integrate the SANDAG and City of San Diego projects, meet city and regional goals, and bring to life the vision proposed in the Uptown Community Plan. It also would add three to six months to the Eastern Hillcrest Bikeways project schedule.

Next Steps

If approved by the SANDAG Board of Directors and the City of San Diego, staff will move forward with completing final design and construction of the Normal Street Promenade as part of the Eastern Hillcrest Bikeways project.

Hasan Ikhrata, Executive Director

Key Staff Contacts: Chris Kluth, (619) 1952, Chris.Kluth@sandag.org

2. Uptown Bikeways - Eastern Hillcrest Bikeway Project Map
**FY 2019 CAPITAL BUDGET AMENDMENT IN '000'S**

**Scopes:**
- Design 1.1 miles of on-street bikeway.
- Design is 65 percent complete.

**MAJOR MILESTONES**
- Design is 65 percent complete.
- Close-Out

**FY24**
- Close-Out: TBD

**University Avenue at SR 163 and connecting to the North Park - Mid-City Bikeways.**

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<tr>
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<th>Environmental Document</th>
<th>Design</th>
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** Locals:**
- $910/2020 TransNet-MC
- City of San Diego

**Funding Source**
- $910/2020 TransNet-MC
- City of San Diego

**TOTAL:**
- $4,844
EASTERN HILLCREST BIKEWAYS

- Proposed Eastern Hillcrest Bikeways
- Proposed Normal Street Promenade
- Proposed Uptown Bikeways
- Other Regional Bikeways
- City of San Diego University Avenue Bikeway

**Propuesta Eastern Hillcrest Bikeways**

**Propuesta Plaza Normal Street Promenade**

**Propuesta Uptown Bikeways**

**Otras ciclovías regionales**

**University Avenue Bikeway de la ciudad de San Diego**
SANDAG Regional Electric Vehicle Charging Program

Overview
San Diego Forward: The 2015 Regional Plan commits $30 million to a SANDAG Electric Vehicle (EV) Charging Program. Set to begin in mid-2020, the regional incentive program will help to reduce greenhouse gas emissions associated with passenger vehicles by supporting public and workplace electric vehicle charging stations.

Attachments 1 and 2 provide information on various types of electric vehicles and charging infrastructure

Key Considerations
SANDAG received a $600,000 planning grant from Caltrans to identify programmatic best practices, develop program design criteria within a detailed framework, and build a regional incentive program.

The first phase of the grant project is to review existing charger incentive programs and policies; including:

- The Draft Summary Report on Existing Electric Vehicle Charger Incentive Programs in the United States, which reviews more than 35 charger incentive programs across the United States in terms of program scope, administration, eligible technologies, participation criteria, incentive levels, program metrics, and additional measures.

- A review of federal, state, and local transportation electrification policies to help guide the incentive program.

- Coordination meetings with Caltrans District 11, the San Diego County Air Pollution Control District, most SANDAG member agencies, San Diego Gas & Electric, Electrify America, and the California Energy Commission’s California Electric Vehicle Infrastructure Project to assess regional and statewide objectives and leverage opportunities.

To complete the first phase, informational interviews will be conducted with a select number of incentive programs to gain additional insights into program design and operation. In addition, coordination and outreach will continue with other charging programs, local governments, and stakeholders. Wherever possible, SANDAG is seeking to coordinate and build upon regional EV efforts and outside investments.

Next Steps
Based on the research reports and stakeholder feedback, a detailed program framework for the regional incentive program will be developed and brought back for review in summer 2019. The framework will be flexible to accommodate inclusion of future program partners, shifts in market needs and/or technologies, and potential program expansions. The remaining program components will be built from the framework and ready for launch in 2020.

Hasan Ikhrata, Executive Director

Key Staff Contact: Susan Freedman, (619) 699-7387, susan.freedman@sandag.org
Attachments: 1. SANDAG InfoBits Electric Vehicles in the San Diego Region
2. Regional Mobility Hub Implementation Strategy – Electric Vehicle Charging
Electric Vehicles and Charging Stations

Plug-in electric vehicles (PEVs) are catching on with consumers, while at the same time playing a big role in the state of California's plans to cut greenhouse gas emissions. With 1.5 million zero-emission vehicles expected to hit California roads by 2025, there also will be a massive demand for new charging stations.

Converting to Plug-in Electric Vehicles

**PEVs come in two types...**

- **battery electric**
  - runs entirely on electricity

- **plug-in hybrids**
  - have both an electric battery and a gas engine

Benefits of Driving an Electric Vehicle

- Switching to a PEV typically reduces fuel costs by half
- Reduced greenhouse gas and air pollutant emissions (zero tailpipe emissions)
- Lower maintenance costs (no oil changes)
- Increased energy independence (less fossil fuels, and powered by increasingly renewable electricity sources)

Clean vehicle rebates
- up to $2,500 per vehicle purchased

HOV lane access stickers
- Solo EV drivers can use carpool lanes

Federal tax credits
- up to $7,500

SDG&E EV rates
- Pay lower rates for vehicle charging

Infrastructure Programs

Plug-in SD
- SANDAG and the Center for Sustainable Energy provide guidance on the installation of charging stations.

SDG&E Power Your Drive Program
- SDG&E will install 3,500 charging stations over the next three years.
Electric Vehicles in the San Diego Region

The region and the state are poised for a rapid expansion of electric vehicle technology in the next five years. The San Diego region currently is home to about 19,000 plug-in vehicles, with that number expected to grow to more than 90,000 by 2020. Statewide, the total number of electric vehicles is expected to grow from about 170,000 to 1 million in that same time frame. There are 377 charging locations in the region (with a total of about 1,000 plug-in points) right now, and that number will grow by more than four times by 2020 (numbers do not include in-home charging). Statewide, the number of public charging plug-in points is expected to expand from 7,400 to more than 46,000 in the same time frame.

EV Charger Locations

- Quick charge locations
- Standard charge locations

For more information, call (619) 699-1950 or email: pio@sandag.org

About infoBits

SANDAG serves as the region’s clearinghouse for information and data. InfoBits publish timely, relevant information informing the public while providing context on complex issues facing the region.
sandag.org
ELECTRIC VEHICLE CHARGING

DEFINITION
An electric vehicle charging station (EVCS) gives people the opportunity to charge plug-in electric vehicles (PEVs) at a mobility hub. Battery-powered electric vehicles, plug-in hybrid electric vehicles, and electric vehicle conversions of hybrid or internal combustion engine vehicles are examples of PEVs. Passenger cars, microtransit vehicles, shuttles, and large transit buses can all be PEVs. They are critical to California’s zero emission vehicle (ZEV) planning.

SAMPLE EV CHARGING TECHNOLOGIES

The types and configuration of charging stations depend on how people use PEVs at a given location. Stations can be sited in specific areas of a transit station, or within the greater mobility hub zone. In addition to EVCS options that are available today, advanced technologies for EV charging such as wireless induction could be considered for future mobility hubs as they become available and vehicles become compatible for wireless charging.

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<th>CHARGING TYPE</th>
<th>MILES OF RANGE PER HOUR OF CHARGE</th>
<th>MOBILITY HUB APPLICATION</th>
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<td>Level 1 (L1)</td>
<td>~3-6 miles/hour</td>
<td>• Slowest charging method</td>
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<td>• PEVs recharging using an L1 charger, or by plugging into a standard 110/120-volt outlet</td>
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<td>• Electric bikes, mopeds, scooters, and neighborhood electric vehicles (NEVs) recharge using a 110/120-volt outlet</td>
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<td>Level 2 (L2)</td>
<td>8-12 miles/hour</td>
<td>• Home, office, and public applications</td>
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<td>16-24 miles/hour</td>
<td>• All PEVs can use Level 2 chargers</td>
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<td>32-48 miles/hour</td>
<td>• Each charging station can have 1 to 4 ports</td>
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<td>&gt; 60 miles/hour</td>
<td>• Supports PEVs of parked transit riders, waiting ridehailing services, microtransit, and passing drivers who may stop at a mobility hub to charge up on their way to their ultimate destination</td>
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<td>DC Fast and Super-Fast Charging (50kW to 350kW)</td>
<td>~80% of battery charged in 15-30 minutes</td>
<td>• Preferred method for corridor/freeway charging</td>
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<td>• Quick charge for transit riders, TNCs or other microtransit, shuttles, and for passing drivers to continue trips on electric</td>
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<td>• Not compatible with all PEVs, so typically installed along with L2 chargers</td>
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<td>• Superfast charging was exclusive to Tesla, but it’s becoming an option for more PEVs</td>
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<td>Wireless and future advanced charging technologies</td>
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<td>• Cater to new and future PEV models ranging from cars to buses</td>
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<td>• Allow vehicles to charge without plugging in</td>
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<td>• Older vehicle models not compatible with wireless</td>
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2 Electric vehicles have battery packs in various sizes; the size determines the amount of energy stored in the vehicle and the actual time to charge.
IMPLEMENTATION CONSIDERATIONS

- Consider how electric vehicle charging at a mobility hub fits in with the overall network of public charging stations in the region.
- Statewide data show a need for more charging stations within disadvantaged communities. Consider measures that help encourage people in disadvantaged communities to buy PEVs and/or use electric carsharing services.
- When installing charging stations at mobility hubs, consider the following:
  - Add wayfinding signs to direct PEV drivers to station locations and increase awareness about public charging stations.
  - If parking is limited, assess whether charging stations can be installed at nearby properties to accommodate transit riders, TNCs, and other shuttles.
  - If electrical capacity is limited, consider installing onsite electricity storage and/or renewable sources of energy.
  - Bollards and/or curbs can protect charging equipment from collisions.
  - Determine the distance between planned charging stations and electrical connections. Where possible, site charging stations nearby the electrical substations.
  - Provide a dedicated electric meter for charging stations at a hub.
  - Provide a network connection to track overall usage and show real-time availability at each station through phone apps and other networks.
  - Install stations with multiple ports between stalls, to increase access to charging equipment from multiple stalls. Do this where physical configuration, vendor technologies, accessibility requirements, and other design constraints allow.
- Consider how charging stations will be managed, operated, monitored, and maintained. Local agencies or jurisdictions that partner with vendors to provide stations may pay a fee to the vendor to install, manage, operate, and maintain it.
- A variety of smartphone applications and websites provide information on how to locate charging stations. This could be integrated with other trip planning websites, applications, and kiosks to encourage EV charging at mobility hubs.
- Universal transportation accounts could be expanded to allow users to pay for charging fees.
- Funding opportunities are available to support the purchase of charging stations for some types of installations and each program has its own eligibility requirement:
  - The San Diego Gas & Electric program, Power Your Drive, provides charging stations for workplaces and multi-family dwellings, if they meet certain qualifications. SDG&E aims to deploy up to 3,500 charging stations in its service territory, and the utility will pilot a project that will feature chargers at eight park-and-ride stations in the San Diego region.
  - Electrify America will invest $800 million in California for EV charging over the next ten years, and a San Diego Metro Area program will be a beneficiary. Funding comes from a $1.2 billion federal settlement with Volkswagen over emission violations.
  - SANDAG is developing a regional charging program to offer incentives to agencies and businesses for the purchase and installation of publicly accessible charging stations. The program is expected to be available in 2021.

RESOURCES

- State policies and resources that support the increased deployment of EVCSs include:
  - Executive Order B-16-12 calls for 1 million ZEVs by 2020 and 1.5 million by 2025, including required infrastructure to support these vehicles. Senate Bill 1275 (2014) extended the 2020 ZEV deadline to 2023.
  - The California Energy Commission Alternative and Renewable Fuel and Vehicle Technology Program provides grants to support vehicle deployments; regional EVCS planning; and research, development, and demonstration of emerging technologies.
  - The 2016 California Building Standards Code includes EVCS requirements that apply to new construction and to alterations of existing structures.
  - The California Green Building Standards Code (CALGreen), includes information on voluntary and mandatory requirements for EV charging stations.
  - The California Electrical Code (Title 24, Part 3, Article 625) specifies required methods for wiring, equipment construction, and safety (shock) protection systems and overcurrent control and protection. It also covers proper equipment marking, placement, orientation, and location.
- Regional and local policies and resources that support the increased deployment of EVCSs include:
  - San Diego Forward: The Regional Plan and its Environmental Impact Report identify several measures supporting the electrification of transportation. Among them:
    - Prepare a regional alternative fuels readiness plan.
    - Develop a regional charger incentive program.
    - Integrate EV charging infrastructure into new transportation projects that include parking lots and/or facilities.
    - A review of codes and standards relating to EVCS installations
    - An overview of common installation challenges in different scenarios
    - EVSC installation checklists and other best practices to help local building departments and electrical contractor
Del Lago Transit Station – Escondido, CA
Located off Interstate 15, the Del Lago Transit Station provides access to five Level 2 chargers and a DC Fast Charger with two ports. The Level 2 chargers are compatible with all PEVs and provide a full charge in four to six hours. The DC Fast Charger works well for users who need a quick charge before continuing their trip. Only electric vehicles are permitted to park in these charging spots.

Sabre Springs/Peñasquitos Transit Station – San Diego, CA
Located off the intersection of Interstate 15 and Ted Williams Parkway, this station provides access to ten Level 2 chargers and is pre-plumbed for 20 more. The chargers are compatible with all PEVs and provide a full charge in four to six hours. Only electric vehicles are permitted to park in these charging spots. This transit station incorporated other mobility hub features including smart parking, bike lockers, and solar shading for rooftop parking.

Metro Charge Stations – Los Angeles County
Metro has installed 62 EV charge stations at 15 rail station parking lots throughout Los Angeles County. The charge stations allow users to charge their vehicles while they ride Metro. Charge stations are available for $1 per hour with a $3 daily max to riders who sign up for an account through Metro’s website. There is no monthly or start-up fee. An app-based system is used to initiate a charge, and a user can receive an email, text, or a mobile app notification when the charging session is completed or if it’s experienced any interruptions.

EVCS Portals
The U.S. Department of Energy’s Alternative Fuel Data Center station locator provides information on alternative fueling station locations and features, and the infrastructure is verified by the Clean Cities Coalition. PlugShare and ChargeHub are crowd-sourced tools that allow users to find electric vehicle charging stations. These resources are available online or via a mobile app.