

**Liaison Report (Karyl Matsumoto)
Summary of San Mateo County Transit District's (District)
Meeting of November 2, 2016**

The Community Relations Committee and Board

Tina Dubost, Manager, Accessible Transit Services, said mobility management staff held their quarterly meeting with senior mobility ambassadors and veteran volunteers. A training goal for ambassadors was set. Since the Senior Mobility Program started, almost 800 people have received training on how to ride SamTrans buses. The Veterans Mobility Corps is partnering with the Next Steps Center and other veterans organizations to hold a Veterans Transportation Fair in late November at the Veterans Administration's Menlo Park campus.

Mike Levinson, Chair, Paratransit Coordinating Council (PCC), said the PCC participated at the Transition to Independence on October 15 at El Camino High School and Seniors on the Move on October 25.

The Citizens Advisory Committee provided a written report to the Board on their October 26 meeting. At their meeting Rob Bartoli from the County of San Mateo Planning and Building Department gave a presentation on the results of the Connect the Coastside Study the County conducted. They also received the September performance statistics.

David Olmeda, Chief Operating Officer, Bus, presented the Mobility Management Report: Fixed-Route Bus (attached).

Average Weekday Ridership – September 2016 Compared to September 2015
Bus: 44,590, a decrease of 6.9 percent
All modes: 170,790, a decrease of 2.7 percent

The Finance Committee and Board

Accepted the Statement of Revenues and Expenses for September 2016.

Accepted the Quarterly Investment Report and Fixed Income Market Review and Outlook for the Quarter Ended September 30, 2016.

Adopted the Conflict of Interest Code. The amended Code provides updates to designated positions last approved in 2014 that are required to disclose their economic interest on an annual basis. The Code will be transmitted to the San Mateo County Board of Supervisors for their approval.

Authorized the Use of \$500,000 in San Mateo County Proposition 1B Public Transportation Modernization, Improvement, and Service Enhancement Account Funds for the Daly City Bay Area Rapid Transit (BART) District Station Improvements Project and Entering into a Funding Agreement. Due to the lack of space for bus layover and the need to upgrade passenger amenities at the Daly City BART Station, BART, the San Francisco Municipal Transportation Agency, and the District will collaborate on improvements to the bus circulation areas.

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Authorized Execution of a Grant Agreement with the Silicon Valley Community Foundation in the Amount of \$150,000 for the SamTrans US-101 Bus Feasibility Study and Amended the Fiscal Year 2017 Capital Budget. The Project will examine the financial and operational feasibility of implementing a network of long-distance express buses operating on the US-101 corridor through San Mateo County. The amount was increased because the scope was expanded to look at routes that go into Santa Clara County and routes that serve low income and disadvantaged riders.

Authorized Award of Contract to Am-Tran for Mail Courier Services at an Estimated Cost of \$190,243 for a Five-Year Term.

Authorized Award of Contract to Scintech Associates, Inc. for Physical Inventory Services for a Total Not-to-Exceed Cost of \$238,660 for a Three-Year Term.

Authorized Award of Contract to Millbrae Auto Service Center for Automotive Repair for Non-Revenue and Support Service Vehicles at a Total Estimated Cost of \$418,325 for a Five-Year Term.

Legislative Committee

At the State level there are 17 statewide initiatives on the ballot. State Legislation may return on November 10 for a transportation special session to figure out a funding plan.

The House and Senate will return the week of November 14. Top Republican leaders are advocating for the passing of a series of minibus packages to complete this year's appropriations work during the lame duck session. The current Continuing Resolution package funds the government through December 9.

The Board of Directors

Approved the 2017 Board Meeting Calendar.

Received an Introduction of Proposed Amendment to Update the Rules of Procedure of the Board of Directors. The proposed amendments reflect current law and Board practices, update the purview of each of the Standing Committees, clarify outdated language and simplify certain provisions. The Board will take action at their next meeting as required by their Rules.

Jim Hartnett, General Manager/CEO, reported:

- Follow-up comments from the recent Board retreat:
 - Quarterly updates will be provided on agency vacancies and steps being taken to fill them and the five actions that have come out of the employee survey.
 - Key performance metrics will be looked at to help staff determine whether service should be changed in a particular area.

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- Quarterly dashboard will be presented on ridership in various categories.
- Staff is working on a visionary process to help inform options of a possible ballot measure in 2018, not from a financial perspective, but a service model.
- More revenue is the key to providing the service the community wants and true mobility options. Legal review of revenue options and what kind of revenue would be generated from these options is being looked at.
- Margo Ross, Director, Bus Transportation, was introduced.
- The Holiday Train will be on December 3 and 4.
- Fixed-route and paratransit service continued to exceed the District standards.
- Over 2,500 hours of training was conducted in September.
- Four buses were provided for the American Heart Association's annual Heart Walk.
- There will be a "Stuff the Bus" event at Tanforan Mall.
- A bomb threat was called into schools in Millbrae resulting in a lockdown. Buses were requested to be at the schools so the children would have a safe place to gather. Staff was thanked for taking the initiative in dispatching the buses.
- Staff participated in a mobility management meeting with Congresswoman Jackie Speier for her Seniors on the Move event at the San Mateo County Event Center on October 25.
- Staff will be meeting with Pacifica City Council to discuss the expansion of the Route FLX service.

The Board received a report from legal counsel on the existing litigation of Trudell v. San Mateo County Transit District. The Board was advised of and approved a settlement agreement to resolve the case fully and finally in the amount of \$250,000. This settlement agreement has been approved by the plaintiff and the settlement amount will be paid by the District's Employment Practices Liability insurance carrier.

The next regular meeting is scheduled for Wednesday, December 7, 2016 at 2 p.m.



samTrans

Building a SamTrans Bus

Community Relations Committee
Nov. 2, 2016
Agenda Item 7

In The Beginning



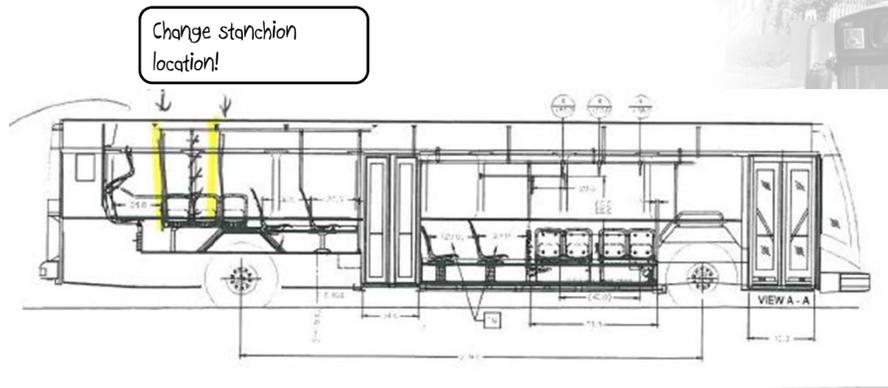
samTrans

- ✓ **How a SamTrans Bus is Designed?**
 - What is the design process?
 - Who is involved – stakeholders?
 - What are the key elements for a SamTrans bus?
- ✓ **Evolution of the SamTrans Bus**
- ✓ **Building a Bus**
- ✓ **Continuous Improvements**
- ✓ **Benefits**
- ✓ **Next Generation of SamTrans Buses**

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Design Process

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Design Process

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- Fixed route buses are replaced after 12-years
- Technical specifications are developed by the Maintenance Team in collaboration with a variety of stakeholders
- Contracts and Procurement issues a Request For Proposal (RFP)
- Board of Directors approves the award of the contract
- Notice to Proceed (NTP)
- Prep-production meetings with the manufacturer
- Production schedule
- Build, delivery, and acceptance
- In revenue service

4

Who is involved - stakeholders?

samTrans

- **ADA – SamTrans Accessibility Advisory Committee (SAAC)**
- **C&P (Contracts and Procurement)**
- **Citizens Advisory Committee (CAC)**
- **Finance, Budgets, and Grants**
- **Information Technology (IT)**
- **Intelligent Transportation Systems (ITS)**
- **Legal**
- **Maintenance, Transportation and Operations Training**
- **Marketing**
- **Safety and Security**

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Key Elements

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- **Regulatory Compliance**
 - **California Code of Regulations Title 13 – Division 3 Air Resource Board (CARB)**
 - **Federal Motor Vehicle Safety Standards (FMVSS)**
 - **American with Disabilities Act (ADA)**
 - **Federal Transit Administration (Altoona)**
- **Safety**
- **Customer Comfort**
- **Durability and Reliability**
- **Ease of Maintenance**
- **Aesthetics and Ergonomics**
- **Performance and Cost Effectiveness**

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Evolution of the Bus



Power steering?
Air Conditioning?
ADA compliant?
Dependability?
Emissions?

Evolution of the Bus



Comfort, Elegance, Reliability, and more...

Building a Bus

samTrans



engines,
transmissions,
and hybrid drives

From raw materials
to...



9

Building a Bus

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Parts and
components make
sub-assemblies



10

Building a Bus

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Rolling chassis

11

Building a Bus

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Simultaneously, sub-assemblies (roof) are assembled...



12

Building a Bus

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Structures are joined to make the bus frame



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Building a Bus

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Once the frame is assembled, the interiors and outer skin are added. Final assembly is well on its way!



14

Building a Bus

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Paint, decals, and testing complete the process...at the factory



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Building a Bus

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Post Delivery and Acceptance

- Internal Quality Controls
- Connect AVL Hardware
- Install Fare Boxes and Program Destination Signs
- Train – Maintenance and Bus Operators
- Design Maintenance Program
- Add Informational Items – Ad Cards, Schedules

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Continuous Improvement

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Safety Lights
Activated by
night run and
turn signal



17

Continuous Improvement

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**Multi-function
door controller.**
Enables the Bus
Operator to kneel
and deploy the
ramp from a single
location.



18

Continuous Improvement

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Bus Operator Window
– ThermoGuard Glass
Improves cabin comfort.
The light blue colored
glass reduces the driver
slider glare, reduces skin
burn, and protects the
Bus Operator from IR and
UV rays.



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Continuous Improvement

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**Keeping pace
with the
times...mobile
technology**

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Continuous Improvement



Marketing's new schedule rack

Continuous Improvement



3-Bike Rack

Continuous Improvement

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Six electric fans replace one hydraulic fan. Improves fuel efficiency, operating temperatures, and lowers noise.

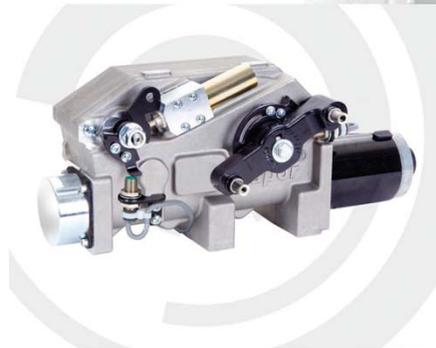


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Continuous Improvement

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Electric door actuators replace the pneumatic door actuators. The new actuators are a prelude to the electric systems found in all-electric buses.



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Continuous Improvement



Low floor buses have a wheelchair ramp versus a wheelchair lift.



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Continuous Improvement



- Onboard camera system
- Rear view mirrors
- Transmission
- Electric starter
- LED lighting
- Passenger information system
- C.L.A.S.S. Doors (acoustic sensing)
- On board diagnostics
- GPS and advance vehicle locator systems
- Registering fareboxes
- ...and more!

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Benefits

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- Improved reliability and dependability
- Improved customer experience
- Improved OTP
- Managing operating costs
- Improved safety features
- Significant reduction in emissions
- Bus availability maintains FTA's spare ratio
- Improved ergonomics for the Bus Operators

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Next Generation SamTrans Bus

samTrans

Low floor articulated buses



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Next Generation SamTrans Bus



All-electric buses

